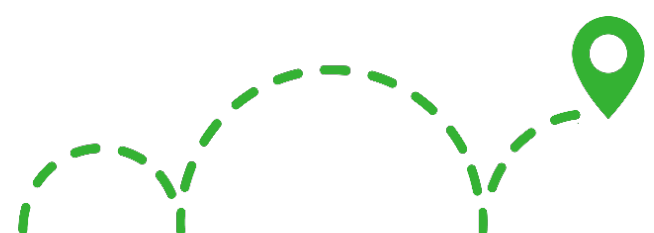




# Dunsmuir Middle School

Active School  
Travel Report  
2021/2022



**READY STEP ROLL**  
ACTIVE SCHOOL TRAVEL PLANNING

Facilitated by the Capital Regional District (CRD) and published in August 2022. Proudly supported by:



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*Thank you to the Dunsmuir Parent Advisory Committee (PAC) for their support!*

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## Appendices

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Appendix D – 7 Es of Active School Travel - Online Resources for School Communities

# ACTIVE SCHOOL TRAVEL PLANNING

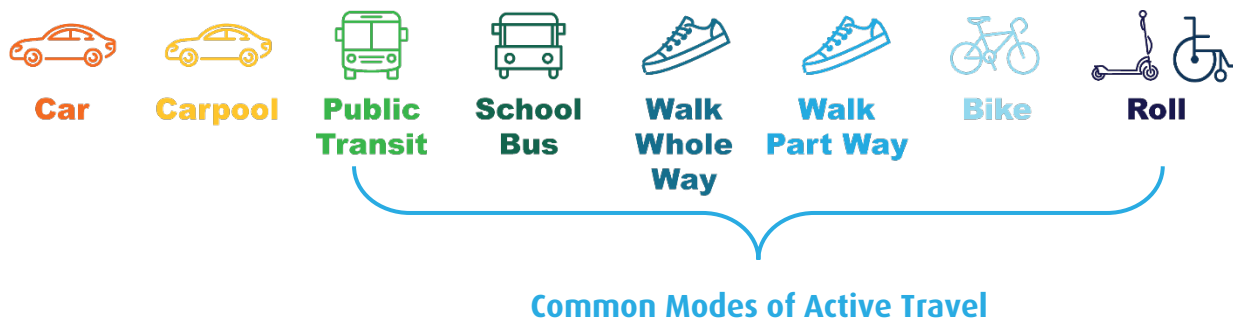


## Dunsmuir Middle School

Active School Travel Planning aims to increase rates of students walking and wheeling to/from school, using a school catchment/neighbourhood-based planning process. Walking and wheeling encompasses bikes, scooters, rollerblades, skateboards, using a wheelchair or riding the bus fully or part-way to and from school. Active School Travel Planning initiatives have already been successfully implemented in many communities across Canada and internationally. The "[International Best Practices in Regional Planning for School Travel](#)" (Ryerson University, Toronto, April 2016) looks at a number of case studies and key learnings from around the world.

The [Capital Regional District \(CRD\) Board Priorities](#) and [Corporate Plan](#) identifies transportation as a key regional priority and envisions that residents have access to convenient, green and affordable multi-modal transportation systems that enhance community well-being. Helping to further this priority through behaviour change and infrastructure improvement(s) at a foundational level, the CRD coordinates an active and safe routes to school planning initiative, known as the CRD's **Ready Step Roll – Active School Travel Planning Initiative**.

**Active travel** means using any form of transportation that relies on human power to get to your destination - fully or part-way.



## BENEFITS OF ACTIVE SCHOOL TRAVEL

**Active travel** means using any form of transportation that relies on human power to move, such as riding a bike, a skateboard, rollerblades, a scooter, walking/using a wheelchair, or taking the bus.

Students who **walk and wheel** to and from school (fully or part way!) can:



→ Build individual confidence & capability



→ Arrive alert & ready to learn after a short burst of activity



→ Become more self-reliant, supporting families & household schedules



→ Create safer streets by reducing congestion before & after school



→ Improve their physical & mental health



→ Help save time & money by avoiding waiting in school traffic



→ Support safety in numbers & create connected communities



→ Participate in climate action by lowering community  
Greenhouse Gas emissions

# CRD'S READY STEP ROLL INITIATIVE

## What is the Ready Step Roll initiative?



The Ready Step Roll (RSR) - Active School Travel Planning initiative works annually with five school communities and respective local government agencies to **encourage and enable more students to have the choice to use active travel to get to/from school**. Students who walk and wheel to/from their school or their bus stop arrive alert and ready to learn, while reducing regional greenhouse (GHG) emissions to support safe and connected communities. The RSR initiative is a comprehensive and sustainable approach to **making school neighbourhoods more comfortable to walk and wheel**.

Working with partners, **RSR identifies and addresses safety and social barriers** to better support and enable confident active travel choices. The initiative's success relies on **participatory partnerships** with provincial and local governments, school districts and schools (administration, PACs and students), the Insurance Corporation of British Columbia (ICBC), Island Health Authority, police forces, local businesses, and non-profits. Working together, the partners focus on creating solutions through **Equity, Evaluation, Engineering, Environment, Enforcement, Education and Encouragement**, known as our "7-E's approach to active school travel planning."

## What is the active school travel planning process?

Over the 18-month RSR initiative (approximately January through to the following June), the CRD works collaboratively with partners to:

1. **Identify** schools and local governments that are **committed to working** together.
2. **Facilitate**, create and implement a school-catchment **Active School Travel Report** to enable and inspire active transportation mode choice. During the initiative, local active travel safety concerns on common school routes are identified via school travel surveys, a School-Neighbourhood Walkabout, and various consultation activities.
3. **Build capacity** of the school for ongoing initiatives that focus on **Equity, Evaluation, Engineering, Environment, Enforcement, Education and Encouragement (the 7 E's)**.

## What is the goal of RSR?

Increase the rate of student and staff active travel trips to and from school by reducing barriers in active travel accessibility, safety, comfort and capacity.

### Who are the key partners?

**Capital Regional District (CRD)** – Facilitator and Project Manager of the RSR initiative.




















**The City of Colwood** – Jurisdictional owner of municipal roads, road right-of-way and municipal lands provides local knowledge on street level infrastructure, assists in the development of Action Plan, evaluates and considers proposed solutions, supports/undertakes implementation and follows up with the school regarding safety improvements post RSR initiative.

**ICBC** – Offers expertise, partners with local government for road safety improvements, and provides educational resources for school communities.

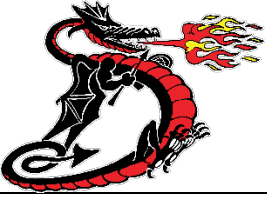
**School administration and school district** – Provides insight into school sites and bussing, evaluates and considers the implementation of proposed solutions on school property, and supports education and engagement initiatives during and post the RSR initiative.

**School Community (Parents/Guardians, PACs, and Students)** – Provides perspectives on the school neighbourhood, identifies opportunities for safer drop-off/pick-up, contributes to action planning, and supports education and encouragement initiatives during and post RSR initiative.

### What is the initiative’s timeline?

SET UP INITIATIVE		COLLECT DATA & ANALYZE					PLAN		IMPLEMENT*			EVALUATE		School Travel Planning Process Complete	
School/ Municipality Recruitment	Program Begins	Baseline & Hands-up Survey	Analysis & pre-walkabout with staff		Neighbourhood Walkabout		Develop Action Plan	Encouragement Education Equity Enforcement Engineering Environment			Final Report Feedback & Follow-up				
															
															
DEC - JAN	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	DEC - MAY			JUNE	SEPT	
<b>Introduce program to:</b> <ul style="list-style-type: none"> <li>• School principal &amp; administration</li> <li>• School teachers &amp; staff</li> <li>• Parent Advisory Committee</li> <li>• Municipal staff</li> <li>• School District staff</li> </ul>		<b>Identifies:</b> <ul style="list-style-type: none"> <li>• How students travel</li> <li>• Walking and cycling safety concerns</li> <li>• Potential improvements and actions</li> <li>• Favourite routes</li> </ul>					<b>In collaboration with:</b> <ul style="list-style-type: none"> <li>• School</li> <li>• Municipality</li> <li>• School District</li> <li>• Other partners</li> </ul>		<b>Coordination with partners could include:</b> <ul style="list-style-type: none"> <li>• Bike Skills course</li> <li>• Walking School Bus</li> <li>• Walk and Wheel for 5</li> <li>• Plan Your Route Map</li> </ul>			School Travel Plan completed Stakeholder feedback Stakeholder support to ensure capacity building			

## SCHOOL PROFILE & CATCHMENT TRAVEL CONTEXT

	<h3>Dunsmuir Middle School Profile</h3>
School District	School District 62
Local Government	City of Colwood
Grades	6-8
2021 Enrollment	900
School-Based Active Travel Support	<ul style="list-style-type: none"> <li>→ Multiple bike racks</li> <li>→ Active PAC and school parent community</li> </ul>
New! Ready Step Roll Active Travel Initiatives (ongoing)	<ul style="list-style-type: none"> <li>→ Wheelchair/accessible parking spots</li> <li>→ "Drop &amp; Go" sites were established to keep bike lanes clear of vehicles</li> <li>→ "Walk &amp; Wheel for 5" to encourage the use of the Applegate trail</li> <li>→ Installation of scooter rack</li> <li>→ 7 Es of Active Travel Companion Guide for Schools</li> </ul>



## 7 E'S APPROACH TO ACTIVE SCHOOL TRAVEL PLANNING

A comprehensive and sustainable approach to making school-neighbourhoods more comfortable to walk and wheel, by identifying and addressing safety and social barriers to better support and enable active travel with confidence.



### EQUITY

Intentionally consider the needs and impacts of all regional demographic groups with particular attention to ensuring safe, healthy, and fair outcomes for residents of diverse family, cultural, socio-economic backgrounds, abilities and identities.



### EVALUATION

Collect data and user insights to understand residents' travel context, identify appropriate approaches, and improve the effectiveness of an approach for respective communities while monitoring changes over time.



### ENVIRONMENT

Support actions that would enable a reduction in transportation related GHG emissions and vehicle pollution through the focus on increasing rates of active travel.



### ENGINEERING

Make physical improvements to the streetscape, regional trails and built environment to improve the walk/wheel-ability and bike-ability within and between municipalities with region-wide connectivity.



### ENFORCEMENT

Increase awareness and compliance with traffic laws, bylaws and guidelines to ensure a sense of personal safety and comfort for those using active travel.



### EDUCATION

Change perceptions of active travel and support programs to improve safety, reduce conflicts between transportation modes, and build the confidence and skills needed to safely and confidently walk/wheel or cycle.



### ENCOURAGEMENT

Support and expand the number of individuals to choose active modes of transportation to meet local travel needs with purpose and confidence.



## EQUITY

Ensure that the initiative is benefiting all demographic groups across the region, with particular attention to ensuring safe, healthy, and fair outcomes for all students of diverse family, cultural, socio-economic backgrounds, abilities and identities.

### How does the RSR initiative integrate 'Equity' at a local government level?

- ✓ Works to consult with all relevant school and community/government partners by offering multiple engagement opportunities on various platforms.
  - **In person:** Walkabout, PAC and principal meetings, mapping, engagement/celebration stations, Hands-Up surveying method.
  - **Virtual:** Baseline Online Travel Surveys, email/phone parent/guardian consultation, 24/7 access to resources via the website, material sharing with initiative partners.

### How does the RSR initiative integrate 'Equity' at a school community level?

- ✓ Works with PACs to facilitate equity in all opportunities and ideas.
  - **Educational:** Works with PAC representatives to facilitate PAC volunteer coordination for active travel events (bike skills etc.).
  - **Financial:** Hosts equipment exchange station (bikes, helmets, rain gear) at PAC and after-school events, shares available bursary and grant opportunities, and highlights continuing safety efforts that support all students (crossing guard appreciation).
- ✓ Works with School Administration to address before and after supervision gaps to support family and work schedules.
  - Proposes "Walk & Wheel for 5", Walking School Bus or Bike Train initiatives.
  - Realignment of school ground supervision as needed.
- ✓ Works with School District Facilities and Transportation to address accessibility issues when travelling to/from school.
  - Safe and accessible school sites: Eliminating tripping hazards and improved wheelchair access at school access points, pedestrian visibility issues at school access points, considering safety and accessibility of active travel near school bus stops.



## EVALUATION

Collect data and user insights to better understand the school-neighbourhood context, assess which approaches are appropriate, identify opportunities to improve the approach and monitor changes over time.

The initiative collects data through various means of formal and informal consultation to help better understand how students travel to and from school, why families make their travel choices, and what would encourage families to shift towards active travel modes. The CRD evaluates and uses the data and insights of the school community to facilitate developing the Action Plan with the local government, school and other participating community members.

### Hands-Up Survey

The hands-up survey is a daily survey taken in-class for one week in the beginning, middle and end of the initiative to understand how students typically travel to and from school. This survey may be used as a baseline throughout the initiative and in future years by the school to gauge change over time.

### Baseline School Travel Survey

The baseline school travel survey is an online questionnaire answered by parents and guardians is a deeper dive into identifying current and preferred travel modes, specific barriers, safety concerns and suggestions to encourage families to shift towards using more active travel.

### School-Neighbourhood Walkabout

The school-neighbourhood walkabout builds on the school survey data to better understand families' challenges walking and wheeling to school. Participants work together to brainstorm engineering, education and encouragement solutions. This information is used to create the Action Plan to guide improvements.

### Personal Communications

Personal communications, including meetings, email, and phone conversations throughout the initiative with the Principal, PAC and local government, confirm collected data and facilitate the development of the Action Plan.



## ENVIRONMENT







Support actions that would enable a reduction in transportation related GHG emissions and vehicle pollution through the focus on increasing rates of active travel.

Increasing rates of Active Travel, fully or part-way to school is one positive step children may take towards taking climate action. As part of BC's 2030 commitment to reduce province wide GHG emissions by 40% from 2007 levels, the Province has set a 2030 target to reduce transportation GHG emissions by about a third. One means of achieving this target is increasing active travel rates to school. The Province has set out a goal for about 30% of trips to take place by walking, cycling or using public transit instead of personal vehicles. Stormwater pollution from roads and parking lots may also be reduced by increasing rates of active travel.

The RSR initiative is one example where the municipalities, the CRD and the Province work directly with school districts, schools and school families on various engineering, education and encouragement initiatives to help achieve transportation mode shifts to active travel on a school-neighbourhood scale.

Participating schools may have the opportunity to align the RSR initiative data, actions and outcomes to provide additional environmental and educational opportunities.

# CONSULTATION

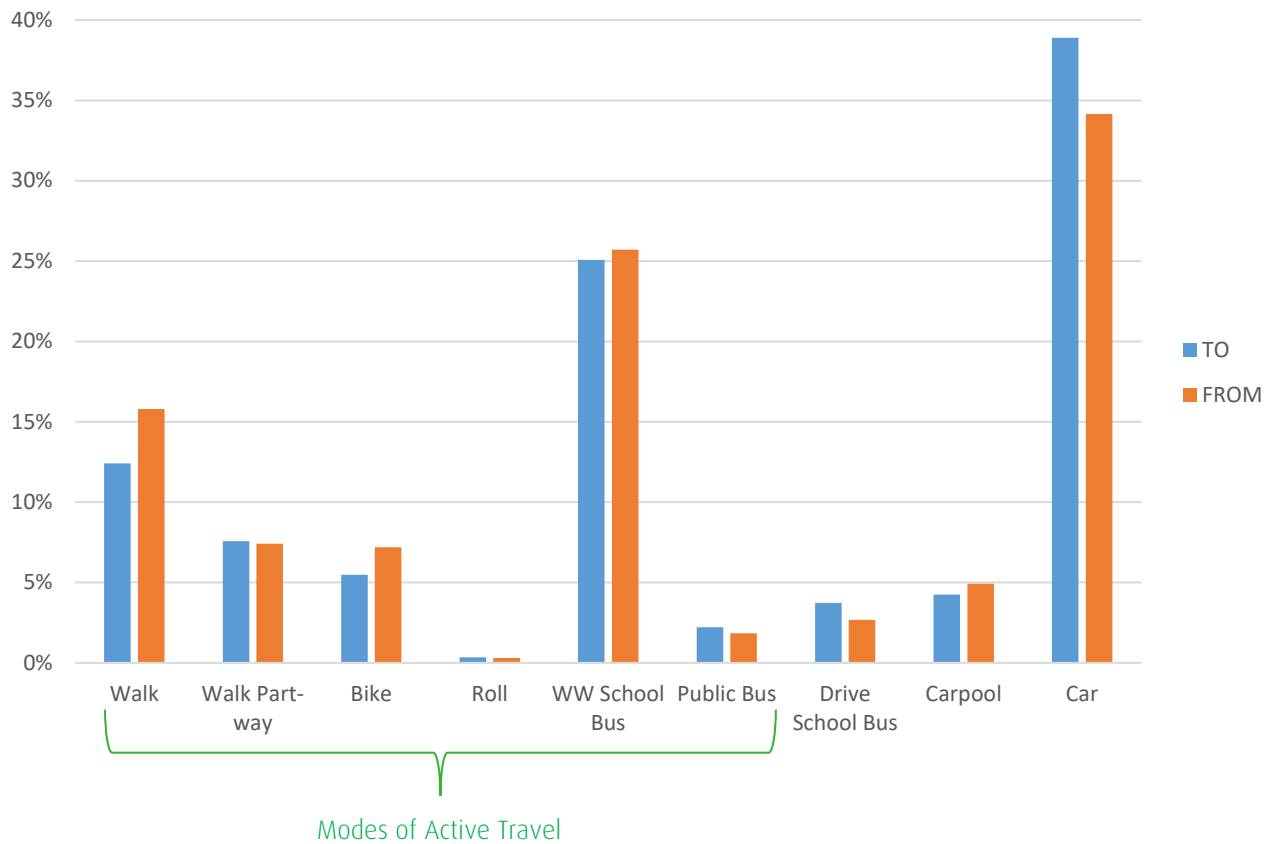
Dunsmuir Middle School - School Consultation Summary	
	99 Baseline School Travel Surveys, representing 11% of students
	3399 Student trips recorded on Hands-Up Surveys
	<p>In-School Encouragement &amp; Education Activities</p> <ul style="list-style-type: none"> <li>→ Grade 6 Bike Skills (Spring 2022 – IRide)</li> <li>→ BC Transit “Get on Board” Training (Fall 2021)</li> <li>→ School Bus Appreciation Month (February 2022)</li> <li>→ New “Drop &amp; Go” and “Walk and Wheel for 5” sites and signage (2022 – Ongoing)</li> </ul>
	<p>Pre-Walkabout with staff (school, municipal, and CRD) Spring 2021</p> <p>School-Neighbourhood Walkabout (students, parents, school administration, municipal staff, SD62, ICBC and CRD staff, Royal Canadian Mounted Police (RCMP)) Fall 2021</p>
	Principal &/or PAC meetings (2021-2022)
	Local government meetings, with numerous phone & email communications, focused on drafting the Action Plan (2021-2022)

## SCHOOL TRAVEL SNAPSHOT

Data were obtained from the 2021 Dunsmuir Middle School Baseline School Travel Survey (online – parents and guardians) & \*Hands-Up Survey (in-class – students).

### How did you get to and from school this week\*?

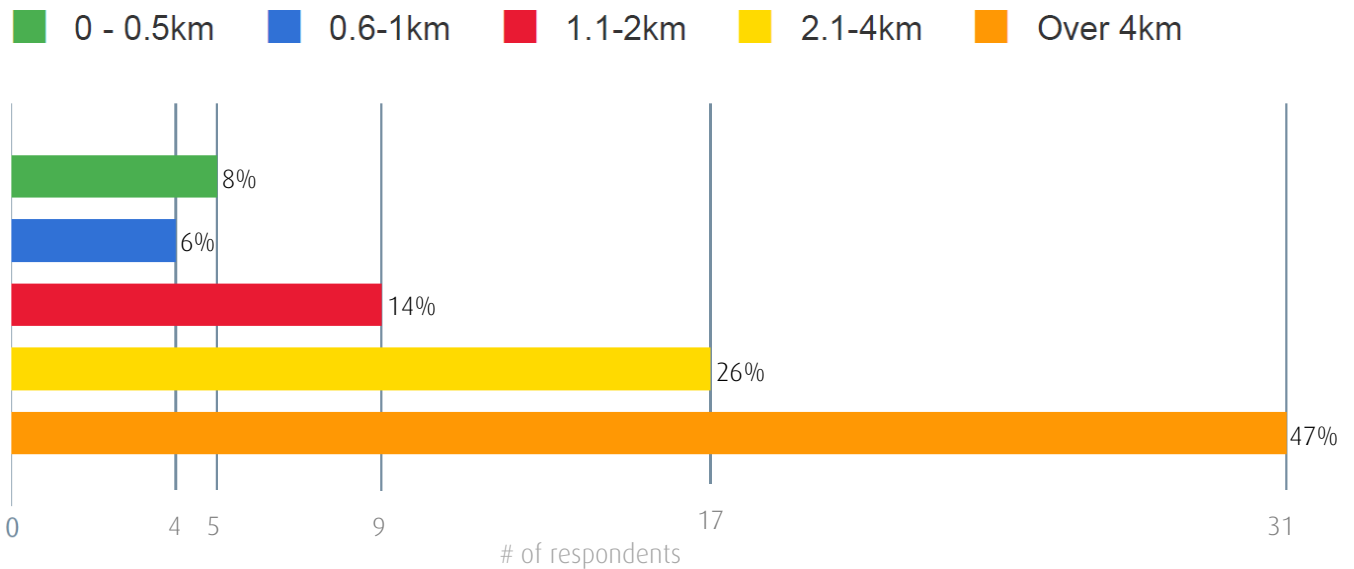
→ 55% of Dunsmuir students are using active travel to get to/from school – that includes walking to/from the school bus



### Safety in numbers – actively commute together!

- **63% of** Dunsmuir students bike, walk, wheel (fully or part-way) to/from school, alone or with a friend or sibling.
- If you drive, try dropping off your student a block or two away (Walk & Wheel for 5).

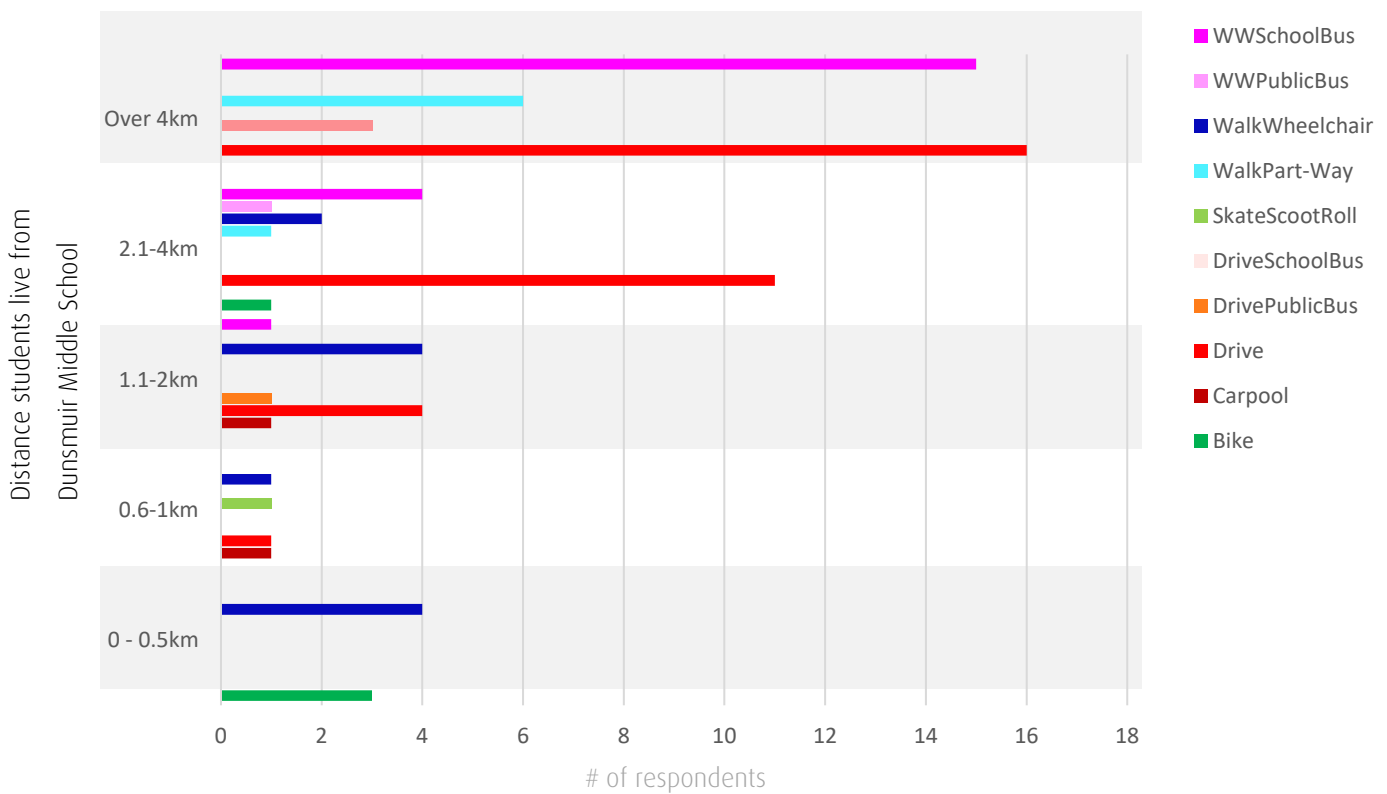
## How far do students live from Dunsmuir Middle School?



**CURB OUT CONGESTION!**    500 m = 5-minute walk & wheel    1 km = 5-minute bike ride

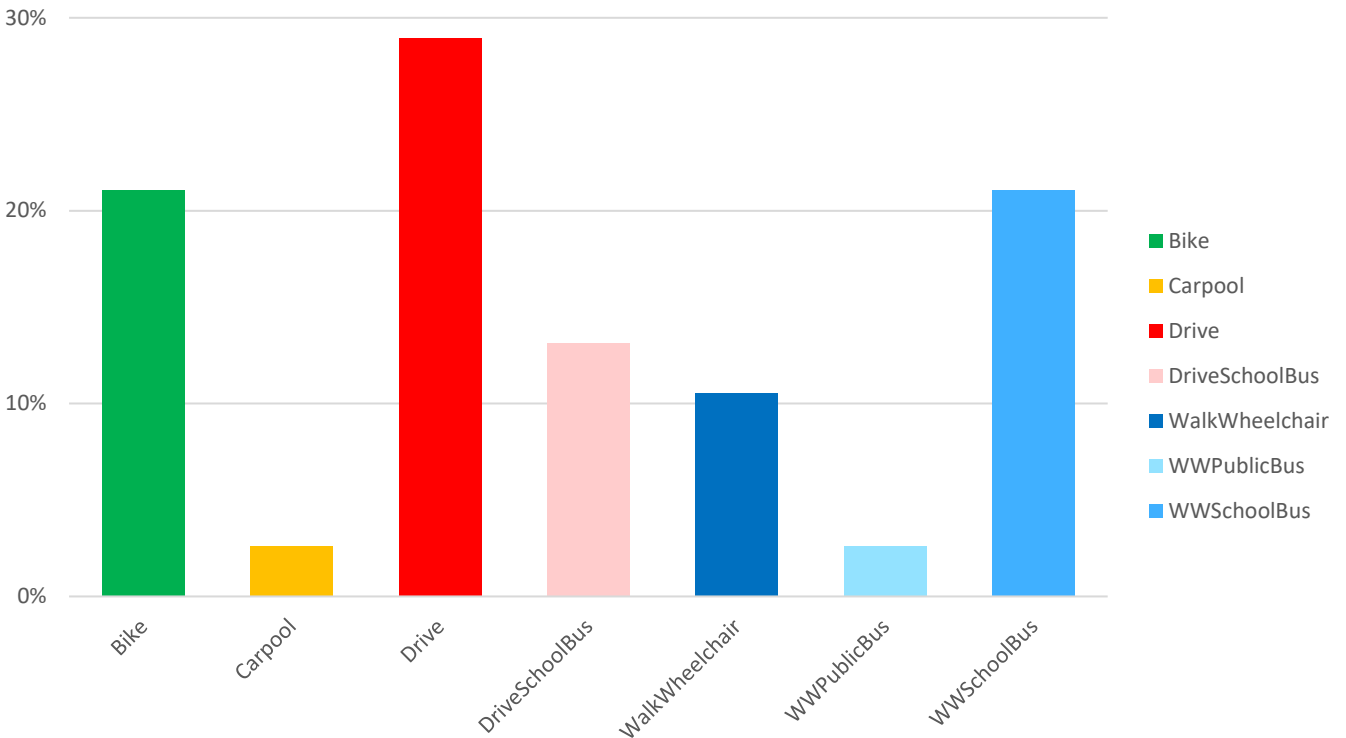
- 28% of survey respondents live within 2 km of the school
- 44% of those students that live within 2 km of Dunsmuir are regularly driven to school
  - that is only a 20-minute walk or 10-minute bike ride!

## How does distance impact travel choices at Dunsmuir Middle School?



## How would you prefer your student to get to Dunsmuir Middle School?

- 79% of all Dunsmuir Middle School families surveyed *prefer* their students to commute to school using active travel, but currently, 46% of families usually drive (fully or part-way).
- Only 29% of the families that regularly drive would prefer to drive =.
- These driving families said they would *prefer* to commute to school by:



Regularly driving families school commute preference



### HOW YOU CHOOSE TO MOVE MATTERS!

Every car off the road means more space for students to walk & wheel to school. If you cannot choose active travel all the way, Walk & Wheel for 5 to support your school's safety and to give your student the benefits of active travel!





## ACTIVE SCHOOL TRAVEL INFRASTRUCTURE CHALLENGES

*The following infrastructure challenges were identified through formal and informal consultation and are listed in order of commonly raised concerns, priority, and proximity to the school.*

Safety concerns were cited regarding the route to and from Dunsmuir Middle School at these top three locations:

### Metchosin Road

- Along extent - vehicle volumes and speed, lack of designated space for active travel, lack of active travel infrastructure, poor driver behaviour.
- Lack of designated space for active travel, excessive speeds, poor driver behaviour.
- At Painter - request for a crossing guard, vehicle speeds and volumes.
- At Benhomer - drivers pass on the right when vehicles stopped to make a left turn on Benhomer, vehicle volumes at turns, no sidewalks, request for crossing guard.
- At Wishart - poor driver behaviour, request for crossing guard.
- At Latoria - request for a crossing guard at the intersection.

### Painter Road

- Along extent - poor driver behaviour, lack of designated space for Active Transportation (AT).
- At Benhomer - Lack of designated space for AT, poor driver behaviour.
- At Dressler - Lack of AT infrastructure and education - kids ride through the intersection on bikes to connect to trails.
- At Owens - Vehicle volumes.

### Sooke Road

- Along extent.
- At Metchosin Road.
- At Jacklin Road.
- At Luxton Road.

### Veterans Memorial

- At Cairndale - pedestrian/cyclist safety at the intersection, stopping compliance & volumes.
- At Latoria Road - Lack of designated space for AT, lack of separation between road users, poor driver behaviour, stopping compliance.
- At Sooke Road - pedestrian/cyclist safety at the intersection, stopping compliance & volumes.
- At Resolution Way - vehicle volumes, lack of designated space for AT, lack of separation between road users, poor driver behaviour.

### School Site:

- Need for secure bike storage.
- Unsafe parent/guardian behaviour pick-up/drop-off
- Need designated safe & easy pick/up and drop-off locations for parent.

## ACTIVE SCHOOL TRAVEL OPPORTUNITIES

*Opportunities are identified through formal consultation.*

### When you walk or wheel as a family, what motivates you?

Motivation to Take Active Transportation	Percent
Desire to feel physical and mental health benefits	25%
Desire to support climate action by reducing travel in our personal vehicle	10%
Desire to avoid stress from traffic congestion/parking	13%
Desire to build our child's confidence, independence and capabilities	20%
Desire to save money	4%
Desire to play/spend time outside	19%
Desire to feel present and connected with my community/peers	5%
We don't currently walk or wheel together as a family	3%

### What capacity building would encourage you to take active transportation?

Desired Capacity Building	Total score	Overall Rank
Information on parks/trails to explore on evenings/weekends	72	1
Workshops for simple bicycle repair and maintenance	56	2
Education on route planning in our region	41	3
Bike skill sessions for parents to learn how to ride with young children	32	4
Access to free webinars offering tips and advice for cycling	28	5
Support accessing equipment (safety gear, lights, locks)	25	6
Support accessing weather appropriate clothing for our family	18	7

### What would make your route to school more comfortable to walk/wheel or bike?

Desired Pedestrian Improvements	Total score	Overall Rank
Improved connectivity (sidewalks/trails)	122	1
Improved pedestrian separation/buffer from motorists	114	2
Improved existing crosswalks (raised, pedestrian activated etc.)	64	3
Traffic calming measures in school zone/nearby streets to improve driver behaviour	58	4
Additional marked pedestrian crosswalks	37	5
Alternative drop off/pick up locations where students can walk/wheel part-way	37	6
Improved awareness/compliance from motorists at school bus stops	17	7
Ability to bring and store scooter/skateboard on school bus	14	8
Additional Crossing Guard	11	9
New and/or improved school property access points	10	10

Desired Cycling Improvements	Total score	Overall Rank
Improved connectivity (bike lanes/trails)	132	1
Improved cyclist separation/buffer from motorists	113	2
Traffic calming measures in school zone/nearby streets to improve driver behaviour	101	3
Alternative drop off/pick up locations where students can bike part-way	48	4
Improved existing crosswalks (cyclist priority infrastructure at crossings)	34	5
Additional marked crosswalks	29	6
New and/or improved school property access points for cyclists	18	7
Additional Crossing Guards	11	8

## ACTION PLAN HIGHLIGHTS

One of the main deliverables of the RSR Initiative is the **Action Plan** (see Appendix B). The Action Plan outlines possible solutions to higher priority active travel challenges and opportunities commonly raised during the consultation process. The suggested actions are subject to the respective jurisdictions for consideration, approval and required budgetary processes.

The following sections highlight key active travel challenges raised and possible solutions presented in the Action Plan through the lens of the 7 Es principles.

In the following 'Action Plan – Highlights,' actions are marked with:

- Completed at the time of this final report
- May not have been committed to OR are not yet completed
- Committed ongoing actions

## ENGINEERING



Infrastructure upgrades to improve the comfort of walking and wheeling on streetscapes and built environments located within immediate school-neighbourhoods, on common/high-use routes, and on school property.

### Active Travel Challenges Raised

*Traffic, speed, volume and improved pedestrian safety in School Zone and surrounding neighbourhood*

*“Motorists not always stopping at the crosswalk; driving too fast and not paying attention to the pedestrians trying to cross.”*

*“Dunsmuir school needs additional sidewalk or bike lane space and traffic calming measures.”*

*Improve pedestrian and bus safety*

### Action Plan Key Messages and Solutions

#### City of Colwood

- ☑ Traffic control measures at key pedestrian intersections are under consideration in drafting the Active Transportation Plan.
- ☑ Painter Road – installed bike lanes and sidewalk.
- ☑ Painter Road school pull in drop-off/pick-up - sign for short term, along with reserved accessibility spot.
- ☑ Benhomer Drive - installed sidewalks and bus shelter, monitor traffic speeds, assessed traffic calming techniques, improved visibility of crosswalk, improved drainage and footpath access to school field.
- ☑ When undertaking upgrades to Metchosin Road. consider crosswalk improvements at various intersections, including curb bulges (to slow town vehicle turning speeds and shorten walking distance where there are crosswalks and new crosswalks), advanced and longer walk times at existing and new pedestrian activated intersections, and protected bike lanes.

#### SD62/School

- Consider adding a stop sign and stop bar to the school bus driveway exit along with barriers to direct pedestrians to cross on the sidewalk.



## ENFORCEMENT

Crossing guards, school supervision and police working together to improve awareness and compliance of parking regulations, traffic laws, and personal safety with a focus on the immediate school-neighbourhood and on school property.

Active Travel Challenges Raised	Action Plan Key Messages and Solutions
<p data-bbox="310 667 643 747"><i>Speed in School Zone and school neighbourhood</i></p> <p data-bbox="228 785 724 865"><i>“Cars don’t pay attention, way too many cars, maybe have a better drop off spot.”</i></p> <p data-bbox="220 903 735 1066"><i>“Parents and Guardians often drop students off in the middle of the road as there is limited parking, hindering traffic in all directions.”</i></p>	<p data-bbox="768 667 1076 701">City of Colwood &amp; School</p> <ul data-bbox="768 716 1455 926" style="list-style-type: none"> <li data-bbox="768 716 1455 926">☑ Create &amp; promote “Drop &amp; Go” designated spots. → City Bylaw Staff to continue enforcement blitz to prevent stopping and parking in the bike lane, with Principal messaging to support enforcement of “Drop &amp; Go” spots.</li> </ul> <p data-bbox="768 968 1182 1001">CRD, ICBC &amp; School Administration</p> <ul data-bbox="768 1037 1455 1117" style="list-style-type: none"> <li data-bbox="768 1037 1455 1117">☐ ICBC’s “Distracted Walking Obstacle Course” in-class lesson (Spring 2021 - cancelled).</li> </ul> <p data-bbox="768 1173 837 1207">RCMP</p> <p data-bbox="768 1234 1287 1268">School Zone speed enforcement with RCMP.</p>
<p data-bbox="220 1367 732 1446"><i>Parent/Guardian behaviour at arrival and dismissal times</i></p> <p data-bbox="207 1484 743 1749"><i>“The cars park along every spot. Including right on the crosswalk, every corner of every side street and in front of stop signs. It makes it extremely dangerous for the kids walking to their parent’s cars and then for other cars departing the area.”</i></p>	<p data-bbox="784 1367 1170 1400">City of Colwood &amp; School/SD62</p> <ul data-bbox="768 1442 1455 1522" style="list-style-type: none"> <li data-bbox="768 1442 1455 1522">☑ Continued to encourage the use of “Drop &amp; Go” and “Walk &amp; Wheel for 5” sites to reduce traffic congestion.</li> </ul>

## EDUCATION



Change perceptions of active travel and support initiatives to improve safety, reduce conflicts between transportation modes, and build the confidence and skills needed to safely and confidently walk or wheel to and from school.

Active Travel Challenges Raised	Action Plan Key Messages and Solutions
<p><i>Traffic Safety Skills Needed</i></p> <p><i>“Need more sidewalks on busier side roads where children are walking.”</i></p>	<p>CRD &amp; School Administration</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Host grade 6 bike skills (Spring 2022)</li> <li>→ School/PAC to consider annually hosting bike skills with GoByBike or iRide.</li> <li><input type="checkbox"/> Partner with ICBC &amp; RCMP to deliver “Distracted Walking Obstacle Course” Road Safety education campaign for grade 6 students (Spring 2022 – cancelled).</li> <li><input checked="" type="checkbox"/> Partnered with BC Transit – grade 6 classes participated in “Get On Board” – in-class public transit education &amp; rode on a BC Transit bus (Fall 2021).</li> </ul>
<p><i>Identifying Safer Routes to School and Promoting Alternative Drop-off/Pick-up Areas</i></p> <p><i>“No safe and easy drop off spot for parents.”</i></p>	<p>CRD, School &amp; PAC</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Develop: <ul style="list-style-type: none"> <li>→ “Drop &amp; Go” and “Walk &amp; Wheel for 5” sites.</li> <li>→ See “Plan Your Route Map/Brochure.”</li> </ul> </li> </ul> <p>School &amp; PAC</p> <ul style="list-style-type: none"> <li>→ Promote “Drop &amp; Go” and “Walk &amp; Wheel for 5” sites and “Plan Your Route to School Map/Brochure” to families.</li> </ul>
<p><i>Need for Educational Resources for School Communities Post-Initiative</i></p> <p><i>Online RSR resources for school and PAC to continue active travel initiatives</i></p>	<p>CRD</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Created <i>Ready Step Roll “7 Es of Active School Travel - Online Resources for School Communities”</i>.</li> </ul>

## ENCOURAGEMENT



Promote walking and wheeling to kids as easy, exciting, practical, fun and inclusive ways to travel to and from school alone or with friends.

Active Travel Challenges Raised	Action Plan Key Messages and Solutions
<p data-bbox="207 543 776 625"><i>Encourage active travel by providing supports and building confidence</i></p> <p data-bbox="212 663 776 745"><i>“Would be great to have scooter racks because students can’t bring them into the classrooms.”</i></p> <p data-bbox="212 852 776 934"><i>“Our Crossing Guards are essential service and a friendly familiar face.”</i></p>	<p data-bbox="813 543 1008 579">City of Colwood</p> <p data-bbox="813 617 1458 653">→ Developing Active Transportation Plan (Fall 2022).</p> <p data-bbox="802 686 997 722"><b>CRD and School</b></p> <ul style="list-style-type: none"> <li data-bbox="802 747 1401 783">☑ Purchase &amp; install a new scooter rack (2022).</li> <li data-bbox="802 793 1490 875">☑ Enable more students to ride confidently by providing Grade 6 Bike Skills.</li> <li data-bbox="802 886 1490 968">☑ Classes participated in RSR’s School Bus Driver Appreciation Campaign.</li> <li data-bbox="802 978 1490 1102">☑ Partnered with BC Transit - grade 6 classes participated in “Get On Board” - in-class public transit education &amp; rode on a BC Transit bus.</li> </ul> <p data-bbox="802 1157 971 1192"><b>School &amp; PAC</b></p> <p data-bbox="802 1203 1490 1369">→ Take part in community celebrations and campaigns that promote active transportation/continue to host school events that encourage healthy and active lifestyles.</p> <p data-bbox="802 1379 1490 1503">→ Try a “Walk-A-Thon” as a fundraiser. Contact Macaulay Elementary (Esquimalt) for a successful template.</p>



# EQUITY

Ensure that the initiative is benefiting all demographic groups, with attention to ensuring safe, healthy, and fair outcomes for all students of diverse family, cultural, socio-economic backgrounds, abilities and identities.

<b>Active Travel Challenges Raised</b>	<b>Action Plan Key Messages and Solutions</b>
<p style="text-align: center;"><i>Desire for improved accessibility to the school site.</i></p> <p style="text-align: center;"><i>“There is no designated drop off/pick up area, so parents are forced to take over surrounding neighbourhood streets. This has led to tension between parents and neighbours.”</i></p>	<p><b>CRD &amp; School</b></p> <ul style="list-style-type: none"> <li>→ Promote RSR “Plan Your Route” map and RSR resources to encourage more families to choose active travel with confidence</li> <li>☑ Hosted Bike Skills (iRide) for grade 6, ensured that assisted bikes were provided and that students at all bike skill levels were included</li> </ul>
<p style="text-align: center;"><i>Identifying and promoting safer routes to school and alternatives to drop-off/pick up at the school</i></p>	<p><b>CRD</b></p> <ul style="list-style-type: none"> <li>☑ Developed resources specific to Colwood               <ul style="list-style-type: none"> <li>→ “Drop &amp; Go” and “Walk &amp; Wheel for 5”</li> <li>→ “Plan Your Route Map” (identifies active travel infrastructure along school routes)</li> <li>→ Educational resources to support student physical literacy</li> </ul> </li> </ul> <p><b>School &amp; PAC</b></p> <ul style="list-style-type: none"> <li>→ Promote new resources to families to help them identify safe active travel infrastructure along school routes</li> <li>→ Consider starting a “Bike Train” for any neighbourhood (see <a href="#">RSR Resources</a>)</li> </ul>



## NEW ACTIVE TRAVEL INITIATIVES AT DUNSMUIR MIDDLE SCHOOL

To continue to support active travel to and from school, parents/guardians and school administration need to support each other, work together, and practice!

### Plan Your Route to Dunsmuir Middle School

As identified on the “Plan Your Route to School” map, Dunsmuir Middle School has adopted the following ongoing encouragement initiatives to support active travel. These school-specific resources are bundled in Appendix A. See [7 E's of Active Travel – Online Resources for School Communities](#) for more ideas.

### Walk & Wheel for 5



These unsupervised sites and routes are about a five minute (500 metres) walk from the school and may be used as alternative meeting sites for families that drive, walk, wheel, bike or take public transit. The goals of “Walk & Wheel for 5” include easing vehicle congestion at the school, saving time and building student confidence, all while enabling more families to benefit from using active travel to get to/from school. These

sites have been selected as they are on common routes that encourage the use of pedestrian and cycling infrastructure (sidewalks, quiet streets, pedestrian activated crosswalks, multi-use trails, etc.).

### How to use these sites

Your school’s “Plan Your Route to School” map and brochure identify the site and routes. Whether you drive\*, walk or wheel, use these sites to “Meet-Up & Go,” “Park & Stroll,” or simply “Kiss & Go” on your way to school, work or back home. Arranging to meet with a friend – or just knowing that others will be walking and wheeling along this route – increases everyone’s comfort and enables more families to choose to use active travel fully or part-way to/from school. \*Not all sites are suitable for drop-off/pick-up with a vehicle. See your school’s “Plan Your Route Map.”



## Drop & Go!

These sites are located on adjacent and nearby streets to encourage vehicles not to stop or park in the Painter Road bike lane. This creates safer spaces for those students taking active travel, ensuring those families with mobility or student needs have access to drop-off/pick-up parking, as well as reducing congestion for everyone!



## Crossing Guard/School Bus Appreciation

A Crossing Guard/School Bus Driver Appreciation event hosted by the CRD, ICBC and the school. Every day, no matter the weather, dedicated Crossing Guards and School Bus Drivers help students and their families safely get to and from school. Crossing guards and bus drivers were gifted an ICBC travel mug, and classes created hand-made thank you cards to express gratitude.

## Grade 6 Bike Skills

Cycling education for students helps raise a generation of sustainable transportation and safe road users. To encourage and enable more students to be able to walk and wheel to school, Ready Step Roll secured bike skills for all the participating grade 6 classes through HopOn (<https://hoponcanada.ca/>) (formally IRide). For future years, options for in-school bike skill classes also may include Capital Bike (<https://capitalbike.ca/>).

## ICBC – Distracted Walking Obstacle Course & Online Resources for Educators

In the spring of 2022, Dunsmuir Middle School was scheduled to participate in the “Distracted Walking Obstacle Course” program in partnership with ICBC and RCMP. This program aims to bring awareness to students about the dangers of walking and wheeling while texting, talking on the phone or listening to music. Free learning resources developed to teach B.C. students road safety skills and awareness: (<https://www.icbc.com/road-safety/teaching/Pages/For-educators.aspx>).



## Capital Bike – GoByBike

Capital Bike (<https://capitalbike.ca/>) programming such as ‘All Aboard Family Cycling Program’ and ‘Bike to Work & School Week’ includes online family cycling resources focusing on three topics: Cycling While Pregnant, Cycling With Kids (On Your Bike) and Cycling With Kids (On Their Bikes). They also offer in school skills workshops and family rides where instructors teach best practices, bike maneuvering skills and tips, ending with a fun all ages and abilities group ride to a fun destination.

## Get on board – BC Transit

Children (aged 12 & under) across British Columbia (BC) can ride transit for free. BC Transit offers a “Get On Board” (<https://www.bctransit.com/kidsridefree>) educational presentation to all elementary and middle schools preparing children to take the bus. A BC Transit Youth Outreach Coordinator leads in-class educational children oriented presentations. BusReady website (<https://busready.bctransit.com/>) provides educational materials for parents and guardians and fun and engaging content for children to support them on their transit journey.



## PLAN YOUR ROUTE TO DUNSMUIR MIDDLE SCHOOL

The “Plan Your Route to Dunsmuir Middle School” map was created to show the pedestrian and cyclist infrastructure that provides for safer active travel in the Dunsmuir Middle School school neighbourhood, as well as the “Walk & Wheel for 5” sites and routes and “Kiss & Go” sites.

*Try planning & practicing your family’s active route to school!* See Appendix A: Plan Your Route to School Resources:

- ✓ Brochure with map – Dunsmuir Middle School
- ✓ Route Planning Activity for Families

Families who **plan**, **prepare** and **practice** walking and wheeling to school help support children of all ages and abilities to learn safe and smart street-skills while gaining confidence, independence, and daily physical activity. Children will discover how easy, fun and sustainable any trip can be when you plan, prepare and practice using active travel.

### Plan

- ✓ Plan the route to school with your child (see “Plan Your Route” map/brochure)
- ✓ Identify landmarks, road names, crosswalks to use, as well as potential hazards
- ✓ Help your child dress for the weather and visibility in the dark
- ✓ Ensure all equipment is safe and suitable for your child
- ✓ Try a “Walk and Wheel for 5” site and route (see “Plan Your Route” map/brochure)

### Prepare

- ✓ Set a good example when walking/wheeling and driving
- ✓ Practice walking/wheeling with your child on weekends - [CRD Bike Map](#)
- ✓ Teach Pedestrian Skills and rules of the road using [ICBC educational materials](#)
- ✓ Teach Bike Skills and road rules using the “[Bike Sense – Edition 7](#)” & [www.capitalbike.ca](http://www.capitalbike.ca)
- ✓ Encourage independence – allow your child to help make decisions along the way

### Practice

- ✓ Quiz your child on road rules and street signs
- ✓ Keep things fun with [CRD’s Active Travel Resources for School Communities](#)
- ✓ Practice your route, invite friends to join you in walking/wheeling
- ✓ Explore new trails, parks, and activities that encourage active travel



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## KEEP ROLLING WITH 'NEXT STEPS'

By design, the RSR initiative's focus on the 7 E's approach aims to build capacity within partners to fulfill the action plan items and further enable and inspire active travel mode choice. Recognizing that many of the school partners (administration, teachers, PAC, parents and students) move on to new schools, Next Steps aim to facilitate the hand-off to the new school community over time, so they can continue to foster Dunsmuir Middle School's active travel culture, using the 7 E's.

### Keep Rolling with Next Steps:

#### Shifting Gears...

As the RSR initiative with your school concluded in Summer 2022. Paper and [digital](#) copies of the final report and resources will be provided to the school and local government, including a large poster size map for the school to display. CRD staff are available to present the final report to the new PAC in Fall 2022.

#### Taking the Next Steps...

The school and the local government should continue implementing the **Action Plan** (Appendix B). Suggested actions to be completed or considered by the various partners identified. Each new school year, the School Administration and PAC should review the "Kiss & Go" sites and "Walk and Wheel for 5" sites and routes to ensure they are meeting the needs of the school families in a changing urban environment. **Promote the "Plan Your Route to Dunsmuir Middle School" brochure and activity - update as needed.**

#### Gaining Momentum...

We are always updating the [7 E's of Active School Travel - Online Resources for School Communities](#) activities, resources and key messages to continue fostering an active travel culture. Try a "Walk and Wheel for 5" site and route. Identify members of the PAC that can lead active travel initiatives!

## PARTNER KEY CONTACTS & LINKS TO RESOURCES

- City of Colwood, Planning Department [planning@colwood.ca](mailto:planning@colwood.ca)
- [Go Colwood](#) (Transportation & Active Transportation planning)
- CRD Regional and Strategic Planning (RSP) [regionalplanning@crd.bc.ca](mailto:regionalplanning@crd.bc.ca) - 250.360.3195
- [CRD Bike Map](#)
- [GoByBike-Greater Victoria](#) (GoByBike, bike skills) and [HopOn](#) (formally IRide) (bike skills)

## APPENDICES

Appendix A – Dunsmuir Middle School - Plan Your Route Map to School and Activity

Appendix B – Dunsmuir Middle School - Action Plan

Appendix C – Dunsmuir Middle School Consultation Data

Appendix D – 7 Es of Active School Travel - Online Resources for School Communities

# Appendix A: Plan Your Route to Dunsmuir Middle School Map & Activity



August 2022



## PLAN YOUR ROUTE TO SCHOOL ACTIVITY

Families who **plan, prepare and practice** walking and wheeling to school will help support children of all ages and abilities to learn safe and smart street-skills while gaining confidence, independence and daily physical activity. On top of this, children will learn how easy, fun and sustainable using active travel for any trip can be when you plan, prepare and practice.

This activity aims to help families plan their route to their school by mapping out pedestrian and cyclist infrastructure, to show safe routes for walking and wheeling.

-----

**1. On a sheet of paper, record each family member’s morning & afternoon commute. Be sure to consider any additional stops along the way to their final destination.**

Most mornings, \_\_\_\_\_ travels \_\_\_\_\_ by: \_\_\_\_\_  
(family member name) (alone/with others to destination:) (mode of transportation)

Most afternoons, \_\_\_\_\_ travels \_\_\_\_\_ by: \_\_\_\_\_  
(family member name) (alone/with others to destination:) (mode of transportation)

Most days, \_\_\_\_\_ would prefer to travel \_\_\_\_\_ by: \_\_\_\_\_  
(family member name) (alone/with others to destination:) (mode of transportation)

**2. Set family goals! Be sure to consider the age, ability, and independence of each child.**

*(Ideas: “Our child will be dropped off 5-minutes away from school so they can walk part-way”, “We will practice biking as a family to school on weekends, so our child can bike alone”, “I will start a walking school bus so other kids don’t have to walk alone”)*

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

I would like to accomplish:

\_\_\_\_\_ by \_\_\_\_\_  
(write your personal goal here) (date)

### TRAVEL TIP: SKIP THE LINE!

**‘Kiss and Go’ or ‘Park and Stroll’ at any of the “Walk & Wheel for 5” sites available at your school to avoid long lines and idling in the drop off loop line up.**

### 3. Consider and make note of potential barriers in each family member’s goal.

i.e. Barrier “Timing – we can’t bike to school together in the morning, because I will arrive late.

Strategy Use school’s early supervision to allow our family to drop Sam off early and then bike to work.

Barriers	Strategies for success

### 4. Use Google Maps to determine the most direct route to school for your family. Explore different routes and travel time estimates for your preferred travel mode.

Route option 1: \_\_\_\_\_

\_\_\_\_\_

Route option 2: \_\_\_\_\_

\_\_\_\_\_

### 5. Plan your family’s route! Use the attached map to compare suggested Google routes to your school’s local infrastructure. With your child, identify safe crossings, caution points, and landmarks to help prepare them to walk and wheel to school.

What walk and wheel infrastructure can you use on the way? (Check all that apply)

- Sidewalk
- Marked Crosswalk
- Signalized Crosswalk

- Pedestrian Overpass
- Crossing Guard
- Bike Lane

- Walking School Bus
- Drive to 5 Parking Area
- Pedestrian/Cyclist Trail

#### To travel my route, I will use:

(circle the modes you will use)



It will take about \_\_\_\_\_ minutes to travel \_\_\_\_\_.

(time in minutes)  (distance; m or km)

**Plan, Prepare, Practice!**

# Appendix B:

# Action Plan – Dunsmuir Middle School



August 2022

**READY STEP ROLL**  
ACTIVE SCHOOL TRAVEL PLANNING

Dunsmuir Location	Issues Raised	Proposed Solutions	Key Players	7 E's	Progress
<b>Dunsmuir School Site Access Points (School Property)</b>					
<b>School Front Access - Painter Road</b>	Lack of places to park at the school for drop-off/pick-up. Some parents drive into school parking lot for pick up/drop off - blocking other cars and/or fire lane.	1. Work with school to encourage use of multiple access points rather than mainly Painter Road. - remind families of parking restrictions (do not block land & bike lane). - work with school & City to identify alternative meeting locations ( <i>City identified &amp; signed adjacent road "Drop &amp; Go" sites</i> ). 2. Develop Plan Your Route Map ( <i>final Ready Step Roll (RSR) product</i> ).	SD62 CRD City of Colwood	Engineering	1. Completed 2. Completed
<b>School Bus Lane Exit onto Painter Rd</b>	Lack of traffic control signs at bus driveway exit, high potential for pedestrian or cycle conflict.	1. School District (SD) to consider painting a stop bar on exist driveway of school bus loop add stop sign. 2. SD to consider putting in barrier so pedestrians are forced to cross on sidewalk (preventing cutting across the bus loop exit on an angle).	SD62		1. To be determined (TBD) 2. TBD
<b>School Back Points - Metchosin</b>	Staff parking at old basketball courts & gravel parking. Also highly used by parents at arrival and dismissal hours. Only one driveway in/out. Needs to be signed (or if needed delineators in middle of road to block turning across lanes) turn in/out by/to closest lane (no crossing lane) as it blocks traffic. Drivers also need to be aware of bike lane. Light gravel path was made from this parking lot to school to encourage access from this access point.	Work with SD62 & City of Colwood to do a communications blitz for incoming families. Remind families of parking restrictions (do not block bike lane) & offer alternative meeting locations.	SD62 CRD City of Colwood	Education Enforcement	Annual Ongoing
<b>School Side Access Points Benhomer</b>	New School Bus only loop entrance off of Benhomer. Pedestrian path and a handful staff parking spots. This access point is NOT for parent drop-off/pickup.	Note on Plan Your Route map & principal reminders	CRD School	Education Enforcement	Ongoing
<b>Dunsmuir School Perimeter Streets</b>					
<b>Benhomer Road</b>	School crosswalk could be enhanced for visibility. Cars parking and blocking the crosswalk approach; crosswalk signage can be replaced to school crosswalk signage. Lack of school zone. Bus shelters heavily used; set to rural standard. Parked cars before and after school. Lack of designated, connected space for Active Travel (AT) during arrival and dismissal. Traffic calming needed.	1. Implement traffic calming to improve road safety for all users. a) Consider digital traffic monitoring to review speeds and assess possible interventions to pilot. b) Install school zone signage with high visible vertical School Zone (SZ) strip. 2) Improve visibility at crosswalk. a) Replace crosswalk signs to school crosswalk signs. b) Install bollard to block parking near hydrant and at crosswalk approach. 3) Benhomer on priory list for improvements (sidewalks, bus shelters) 2022-2023 identified as priority sidewalk street for 2022: Benhomer Drive Sidewalk (approximately 440 m) - New sidewalk on the north side of Benhomer Drive between Painter Road and Metchosin Road, including bus stop improvements (ID 101343, 101398), drainage and connection to access into Dunsmuir Middle School playing fields.	City of Colwood	Engineering Education	To be completed Summer 2022
<b>Painter Road</b>	Lack of designated space for AT. Driver behaviour. Volumes and speeds. Lack of traffic calming 2021 upgrades to buffer bike lanes lack signage and compliance from parents to not block the lane. Conflict zone created at parking area (vehicles pulling out/doors). 15 minute parking is too long for purpose of space. Loss of parking has caused staff to park elsewhere. Cottlow crosswalk not adhered to; blind spot at corner with vehicles parking and with hedges on the corner. Speed an issue in school zone; minimal signage in place.	1. Colwood to post no parking signage with communications and bylaw enforcement. 2. Communications to parents and student's 3. Evaluate success of 1 & 2. 4. Consider options for engineering solution for retro-fit protected bike lane - City to consider approaching ICBC for support. 5. Consider development of policy guidelines for expansion of bike lanes city wide that takes into consideration adjacent land use (i.e. school and parking) - this is a key lesson learned from RSR that goes beyond the Provincial guidelines. 6. PRIORITY - need to fix > Summer 2021 Painter Road upgrades accidently removed accessible parking in front of school - needs to be replaced with paint, curb letdown and signage. 7. City to consider adding new 3-way stop on Painter Road @ Carson Road where there is a new crosswalk across Painter - observations show many drivers don't yield to pedestrians at this new crosswalk + this would add significant traffic calming (Assessed, but not possible due to the proximity and misalignment of Benhomer and Carson).	City of Colwood	Engineering	1. Completed December with ongoing bylaw enforcement. 2. Ongoing. 3. In process. 4 & 5 Next steps 6. Completed.
<b>Inset drop-off &amp; parking spaces directly in from to school (school side of Painter Rd)</b>	Parking removal did not replace accessible parking space; cut out curb access is needed. Work with school on better communications for use of space - paint on road & signs - limited parking, kiss & go, reserved spots needed for school guests.	Colwood to correct.	City of Colwood	Engineering	Summer 2022

Metchosin Road					
<b>Along Extent</b>	High volume traffic, students not confrontable biking or crossing at crosswalks. Lack of designated space for AT. Lack of separation. Speeds and volumes. Lack of lights in dark seasons. Lack of crossing opportunities at cut-through access points.	AT improvements under construction; will create complete connectivity from Royal Bay to Dunsmuir (Painter Road) - <i>August 2021 Federal money announced to fund buffered lane and sidewalk.</i>  2023 Priority Projects - gather and apply lessons learned with Dunsmuir Painter Road experience with bike lane to be reviews for future capital works projects, including Metchosin Road Sangster School sidewalk, Metchosin Road South bike lane. Metchosin Road North bike lane.	City of Colwood	Engineering	Ongoing
<b>At Painter Road</b>	Students would like to see pedestrian activated crosswalk here across Metchosin Road/Painter Road. Students don't feel comfortable using the crosswalk across Painter Road - it is too close to Metchosin Road traffic. <i>City has provided pedestrian activated light in front of Sangster Elementary with cut-through to Metchosin.</i> Parents noted that students tend to take shortest route rather than walking to Sangster crosswalk especially when riding bike - crosswalks at Painter/Metchosin would encourage bike riding on the new Painter Road bike lane. Lack of formal crossing at this intersection. Poor sight lines due to fence; causes drivers to roll into crossing.	During the 2023 scoping of the Metchosin Rd. upgrades: - Consider upgrading the crosswalk on Painter Road at Metchosin Road to make the crossing feel safer for vulnerable users (students of three schools) . - Consider upgrading crosswalk on Metchosin Road at Wishart Road to make the crossing feel safer for vulnerable users (students of three schools). - Consider asking ICBC for assistance.	City of Colwood	Engineering	TBD
<b>At Wishart Road</b>	Students don't feel comfortable crossing here. Parents noted that students tend to take shortest route rather than walking to Sangster crosswalk especially when riding bike - crosswalks at Painter/Metchosin would encourage bike riding on the new Painter Road bike lane. Conflicts between road users at intersection. Lack of left turn signal for road users.	Consider in AT plan; RCMP enforcement	City of Colwood	Engineering	TBD
Dunsmuir School Catchment Area					
<b>Carson Road</b>	Traffic calming needed.	Consider Traffic Calming Data collection	City of Colwood RCMP	Engineering Encouragement Enforcement	Ongoing monitoring and enforcement
<b>Fairview Road</b>	Parked cars before and after school.	Encourage quick drop-off and pick-up			
<b>Latoria Road</b>	Lack of designated space for AT. Lack of separation between high speed and volumes of vehicles.	Consider in AT plan			
<b>Owens Road</b>	Parked cars before and after school. Lack of dedicated spaces for AT. Lack of traffic calming.	Consider Traffic Calming Data collection; Identified as priority sidewalk in 2022 - Completed.			
<b>Sooke Road</b>	Lack of separated space for AT between road users. Lack of adequate lighting. Concerns of stopping compliance at intersections. Vehicle volumes and speeds.	Consider in AT plan; RCMP enforcement			
<b>Veterans Memorial Parkway</b>	Poor stopping compliance at Cairndale Crosswalk Vehicle volumes and speeds. Lack of separation/protection from vehicles.	Consider in AT plan; RCMP enforcement			
<b>Wishart Road</b>	Lack of wayfinding for cut-through to Sue-Mar Place.	Consider in AT plan; RCMP enforcement			
Colwood-Wide					
<b>Traffic Calming - Pilots</b>	City of Colwood is currently implementing and evaluating Traffic Calming - Pilots. Locations & traffic calming pilot types in/near Colwood Elementary catchment.	Colwood to give details.	City of Colwood	Engineering Encouragement	TBD
<b>Active Transportation Plan</b>	City of Colwood is currently working on: 1. Trail networks proposed in the Parks & Recreation Master Plan, 2. Developing a Transportation Master Plan & Active Transportation Plan (which includes priority routes for new sidewalks and cycling).	Colwood to give details.	City of Colwood	Engineering Encouragement	In Consultation Completion expected late fall 2022



Education & Encouragement Activities				
<b>School Bus Driver Appreciation Month</b>	This campaign aims to raise awareness on Active Travel Hero's who enable students to walk/wheel and bus safely to school. Grade 6's participated by creating and presenting thank you cards for the bus drivers along with mug and coffee cards (from ICBC).	CRD ICBC School/PAC	Education Encouragement Equity	Completed February 2022
<b>ICBC Distracted Walking Obstacle Course</b>	This campaign aims to raise awareness of road safety, device distractions (phones, earbuds, etc.) and active travel with middle school students. Scheduled for Grade 6 students in May. Cancelled due to staffing issues.	CRD, ICBC		To be rescheduled if possible
<b>Bike Skills for Grade 6</b>	This activity aims to build bike skills, knowledge of the rules of the road and confidence to bike to/from school. Scheduled for Grade 6 students, paid through Ready Step Roll.	CRD, School/PAC		Completed Late Spring 2022
<b>'Get On Board' BC Transit</b>	Starting September 2021 all children 12 and under may ride on BC Transit for free. BC Transit is a new partner in the Ready Step Roll initiative and is offering RSR schools in-class lessons and on-bus experience - delivered by BC Transit staff. All grade 6 classes participated - in-class BC Transit education and bus ride. New fall 2022: BusReady website ( <a href="https://busready.bctransit.com/">https://busready.bctransit.com/</a> ) provides educational materials for parents and guardians and fun and engaging content for children to support them on their transit journey.	CRD, School BC Transit		Completed Fall 2021
<b>Walking School Bus &amp; Bike Trains</b>	Parents and students would feel more confident if students traveled together. Future consideration of students or PAC is to consider Walking School Bus or Bike Train. See CRD resource: <a href="https://www.crd.bc.ca/project/regional-transportation/active-school-travel-planning/resources-for-school-communities">https://www.crd.bc.ca/project/regional-transportation/active-school-travel-planning/resources-for-school-communities</a>			Updated resource under development by CRD For consideration PAC or by students annually
<b>"Kiss &amp; Go" sites (re-branded by Colwood as "Drop &amp; Go" sites) 'Walk &amp; Wheel for 5' sites</b>	Congestion near school during arrival and dismissal hours, causes student safety issues Parents parking in new Painter Road bike lane block it. Promote Painter Road cut-through to new residents in Royal Bay. Final Report and Plan Your Route Map & brochure for additional details on distances, routes and site information. "Kiss & Go" sites are suggested to be located adjacent to school. "Walk & Wheel for 5" sites are sites that are about a 5 minute bike or walk away. Sites under consideration: Sue Mar Park (various entrances), Fairview Road, Benhomer Drive, Carson Road, Owens Road, Tipton Ave, bottom of Royal Bay Path up to Painter Road. Colwood re-branded "Kiss & Go" as "Drop & Go" sites and identified and promoted sites. Bottom of Painter Pathway (in Royal Bay) is a suitable "Walk & Wheel for 5" site.	CRD, School/PAC Colwood		Ongoing

# Appendix C: Consultation Data Summary Dunsmuir Middle School



August 2022

**Consultation Data**  
**Active School Travel Report**  
**Dunsmuir Middle School 2021/22**

Key consultation findings are presented in the *Active School Travel Report – Dunsmuir Middle School 2021/22*.

This appendix contains the data collected from the main sources of consultation as describe below. Please note that additional verification consultation was conducted as outlined in the main section of the report; this **qualitative data is not presented here**.

**A. Hands Up Survey – Results**

Collects in-class quantitative data from students by asking how students travelled to school and how they will be travelling home after school. Collected Date – May 17-21, 2021.

**B. Online Baseline Parent Travel Survey – Data Summary**

Collects qualitative and quantitative data from parents to gain a deeper understanding of how students are travelling, as well as why they choose or may opt to change their travel mode. Conducted at the beginning of the program as baseline data – May-June 2021.

**C. Walkabout – Data**

Collects qualitative data from public and professional stakeholders to determine infrastructure improvements. The route followed on the walkabout is developed through the analysis of the Online Parent Travel Survey comments and results. The initial Dunsmuir Walkabout with staff from the City of Colwood took place in the July 8, 2021. A second walkabout took place on September 30, 2021 (7:30- 9:00 am). Attendees included staff from the school and school district, municipality, Insurance Corporation of British Columbia (ICBC) and the CRD, as well as grade 6 Leadership Students.



**A. Student Hands Up Survey: May 17-21, 2021**  
Total students trips counted: 3399

**“How did you travel to and from school today?”**

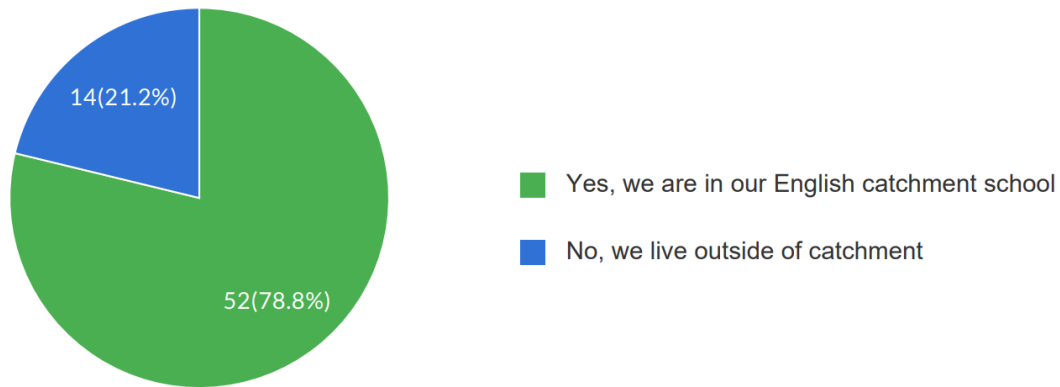
Travel Mode	TO	FROM	Grand Total
Walk	12.4%	15.8%	14.1%
Walk Part-way	7.6%	7.4%	7.5%
Bike	5.5%	7.2%	6.3%
Roll	0.3%	0.3%	0.3%
WW School Bus	25.1%	25.7%	25.4%
Drive School Bus	3.7%	2.7%	3.2%
Public Bus	2.2%	1.8%	2.0%
Carpool	4.3%	4.9%	4.6%
Car	38.9%	34.1%	36.5%

Mode by Grade	6	7	8	Grand Total
Walk	14.0%	13.6%	15.6%	14.1%
Walk Part-way	8.2%	8.3%	3.3%	7.5%
Bike	9.2%	2.5%	5.7%	6.3%
Roll	0.6%	0.0%	0.0%	0.3%
WW School Bus	23.6%	24.0%	34.5%	25.4%
Drive School Bus	1.9%	6.3%	0.4%	3.2%
Public Bus	0.7%	4.1%	1.6%	2.0%
Carpool	3.8%	7.4%	0.8%	4.6%
Car	38.0%	33.8%	38.2%	36.5%

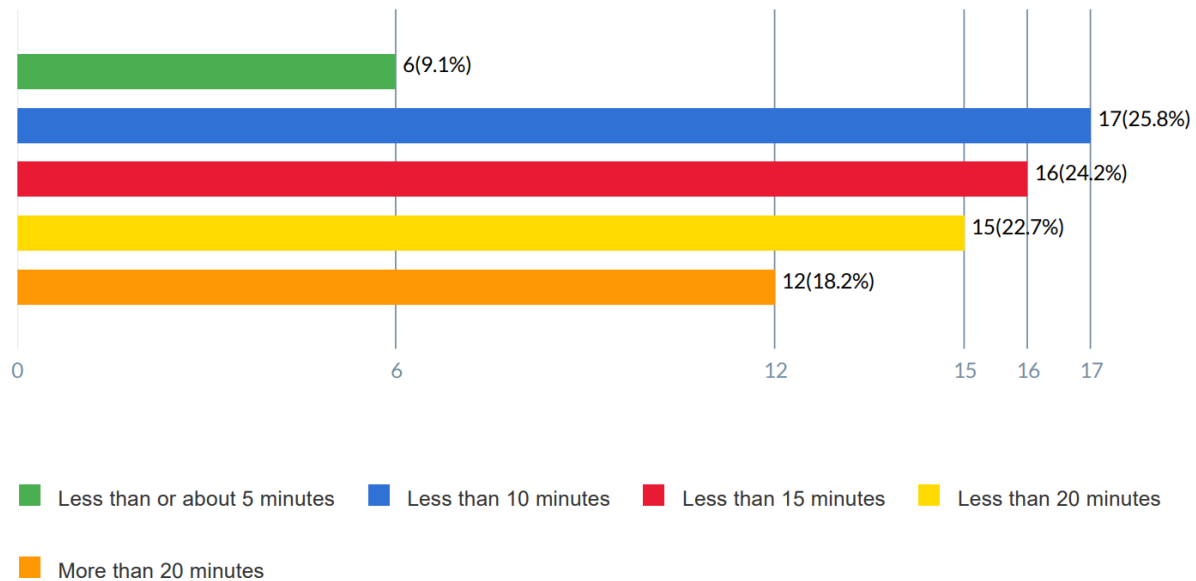
Mode by Weekday	MON	TUES	WED	THURS	FRI	Grand Total
Walk	13.0%	14.1%	14.5%	14.2%	14.6%	14.1%
Walk Part-way	8.6%	7.7%	7.5%	6.4%	7.2%	7.5%
Bike	5.1%	4.5%	5.6%	9.0%	7.2%	6.3%
Roll	0.3%	0.3%	0.4%	0.3%	0.3%	0.3%
WW School Bus	24.7%	24.8%	25.4%	25.5%	26.6%	25.4%
Drive School Bus	3.4%	2.9%	3.4%	3.6%	2.8%	3.2%
Public Bus	2.0%	1.8%	2.0%	2.2%	2.1%	2.0%
Carpool	5.4%	4.8%	4.1%	4.5%	4.1%	4.6%
Car	37.3%	39.0%	37.2%	34.2%	35.0%	36.5%

**B. Parent Baseline School Travel Survey: June 2021**  
**Total number of surveys received: 66**

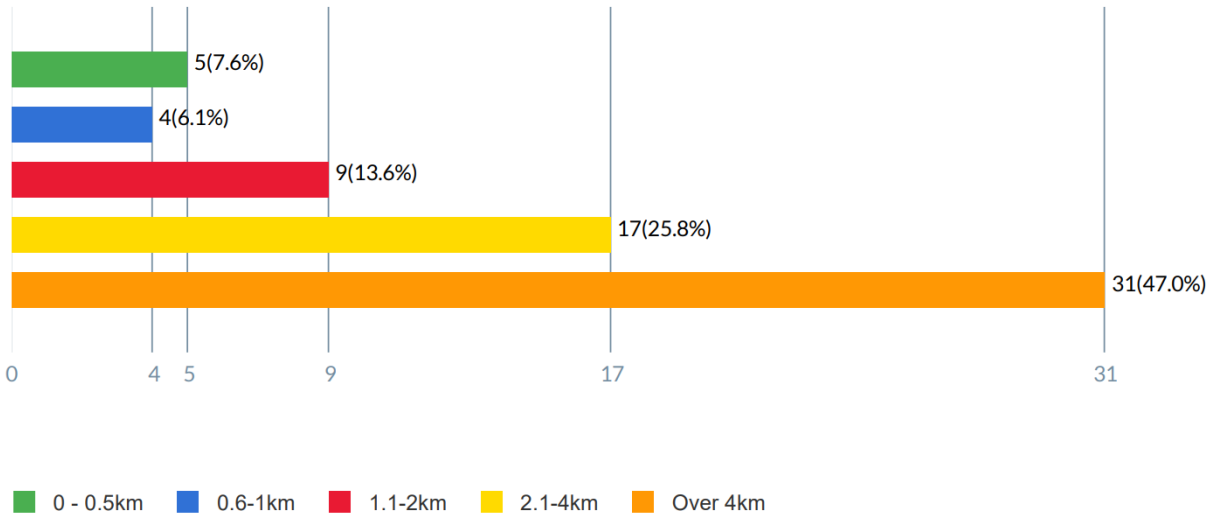
Q1. Is your residence located within the school catchment area?



Q2. How many minutes does it usually take to travel between your residence and the school?



Q3. How far away is your residence from the school?



Q4. Who usually travels with your child between your residence and the school?  
(66 Responses)

Who Travels with Child	To	From
Alone	26.8%	32.9%
Grandparent	0.0%	1.2%
Neighbour-With Adult	1.2%	2.4%
Neighbour-Without Adult	6.1%	8.5%
Parent/Guardian	45.1%	34.1%
Sibling/Different	17.1%	14.6%
Sibling/Same	3.7%	6.1%
<b>Grand Total</b>	<b>100.0%</b>	<b>100.0%</b>

Q5. How does your child usually travel between your residence and the school?  
(66 Responses)

Travel Mode	To School	From School
Bike	4.9%	4.9%
Carpool	2.4%	3.7%
Drive	39.0%	30.5%
Drive to/from Public Bus Stop	1.2%	1.2%
Drive to/from School Bus Stop	3.7%	4.9%
Skate/Scoot/Roll	1.2%	1.2%
Walk/Wheel Part Way	8.5%	6.1%
Walk/Wheel	13.4%	18.3%
Walk/Wheel to/from Public Bus Stop	1.2%	0.0%
Walk/Wheel to/from School Bus Stop	24.4%	29.3%
<b>Grand Total</b>	<b>100.00%</b>	100.0%

Q6. How would you prefer your child travel between your residence and the school?  
(66 Responses)

Travel Mode	To School	From School
Bike	20.7%	20.7%
Carpool	1.2%	1.2%
Drive	13.4%	12.2%
Drive to/from School Bus Stop	6.1%	4.9%
Walk/Wheel Part Way	3.7%	6.1%
Walk/Wheel	18.3%	20.7%
Walk/Wheel to/from Public Bus Stop	1.2%	1.2%
Walk/Wheel to/from School Bus Stop	35.4%	32.9%
<b>Grand Total</b>	<b>100.0%</b>	100.0%

Q7. What are the top reasons your child is usually driven between your residence and the school?  
(30 Responses)

Answer	Total score	Overall Rank
Distance from home is too far	54	1
Traffic safety concerns	39	2
Personal safety concerns	30	3
Personal scheduling constraints (out of school care/activities, work etc.)	24	4
We qualify for school bus but driving is more convenient	16	5
Driving is more convenient than public bus routes/schedules	14	6
Physical/health limitations (self or child)	12	7
Child is too young to travel alone/no one to accompany	10	8
Route between residence and school is too dark	3	9

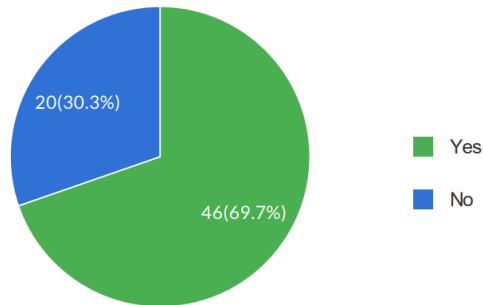
Q8. Which improvements do you feel would best support making the route between your residence and the school more comfortable to bike?  
(66 Responses)

Answer	Total score	Overall Rank
Improved connectivity (bike lanes/trails)	132	1
Improved cyclist separation/buffer from motorists	113	2
Traffic calming measures in school zone/nearby streets to improve driver behaviour	101	3
Alternative drop off/pick up locations where students can bike part-way	48	4
Improved existing crosswalks (cyclist priority infrastructure at crossings)	34	5
Additional marked crosswalks	29	6
New and/or improved school property access points for cyclists	18	7
Additional Crossing Guards	11	8

Q9. Which improvements do you feel would best support making the route between your residence and the school more comfortable to walk/wheel?  
(66 Responses)

Answer	Total score	Overall Rank
Improved connectivity (sidewalks/trails)	122	1
Improved pedestrian separation/buffer from motorists	114	2
Improved existing crosswalks (raised, pedestrian activated etc.)	64	3
Traffic calming measures in school zone/nearby streets to improve driver behaviour	58	4
Additional marked pedestrian crosswalks	37	5
Alternative drop off/pick up locations where students can walk/wheel part-way	37	6
Improved awareness/compliance from motorists at school bus stops	17	7
Ability to bring and store scooter/skateboard on school bus	14	8
Additional Crossing Guard	11	9
New and/or improved school property access points	10	10

Q10. Do you have any traffic safety or accessibility concerns located on the route between your residence and the school?



Q11. Summary of safety concerns sited regarding route to/from Dunsmuir Middle School at top four locations (Edited for privacy)

#### Metchosin Road (20)

- Along extent (6) – vehicle volumes and speed, lack of designated space for active travel, lack of active travel infrastructure, poor driver behavior
- lack of designated space for active travel, lack of separation between road users, excessive speeds, poor driver behavior
- At Benhomer (3) – drivers pass on the right when vehicles stopped to make a left turn on Benhomer, vehicle volumes at turns, no sidewalks, request for crossing guard
- At Wishart (3) – poor driver behavior, request for crossing guard
- At Latoria (1) – request for crossing guard at intersection
- At Painter (6) – request for crossing guard, vehicle speeds and volumes

#### Painter Road (12)

- Along Extent (8) – - Lack of designated space for AT, lack of separation between road users, poor driver behavior
- At Benhomer (2) - Lack of designated space for AT, lack of separation between road users, poor driver behavior
- At Dressler Road (1) – Lack of AT infrastructure and education – kids ride through the intersection on bikes to connect to trails
- At Owens Road (1) – Vehicle volumes

### Sooke Road (9)

- Along extent (4)
- At Metchosin Road (3)
- At Jacklin Road (1)
- At Luxton Road (1)

### Veterans Memorial (9)

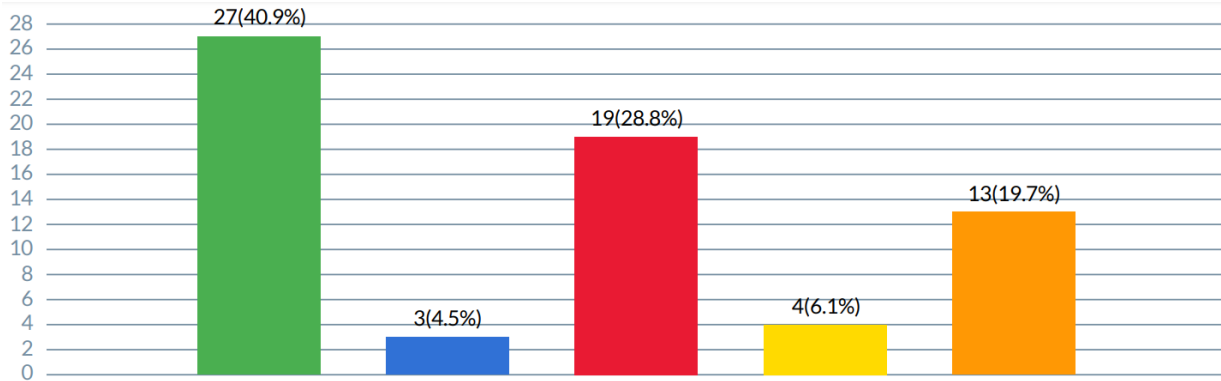
- At Cairndale (4) – pedestrian/cyclist safety at intersection, stopping compliance, vehicle volumes
- At Latoria Road (2) - lack of designated space for AT, lack of separation between road users, poor driver behavior, stopping compliance
- At Sooke Road (2) - pedestrian/cyclist safety at intersection, stopping compliance, vehicle volumes
- At Resolution Way (1) - vehicle volumes, lack of designated space for AT, lack of separation between road users, poor driver behaviour

Q12. General comments regarding challenges and opportunities for active travel at Dunsmuir Middle School (27)  
(Edited for privacy)

(Note – some respondents identified multiple challenges and opportunities in their response, so the number of challenges and opportunities mentioned below sum to more than the total 27 survey question responses).

- Bike Equipment Needed (1): Difficult packing all school gear while walking
- Bike Theft Concerns (2): Lack of secure bike storage at the school
- Busing Equity (2): Lack of equitable bus service for co-parenting families and families with children with different abilities
- Call for Encouragement (1); Encourage and incentivize families living within 5km to use active travel
- Catchment Area Too Large (2): Change catchment areas so travel is below 7-8km
- Distance Too Far (4): Families live 7 – 26km away from the school, no safe routes at this distance (requires crossing major highways, busy roads, etc.)
- Vehicle Volumes and Lack of Active Travel Infrastructure and Designated Spaces (13): Too much parking congestion at pick up and drop off, lack of sidewalk connectivity, lack of barriers between active travel routes and sidewalks from busy roads and heavy traffic, narrow side roads, a lack of safe and easy pick/up and drop off locations for parents, request for traffic calming measures
- Poor driver behavior/safety (1)
- Scheduling Conflicts (1)
- Other (2): Personal abilities/conflicting schedule, weather/lighting, covid restrictions limit carpooling options

Q13. Would you allow / encourage your oldest child to walk & wheel to / from school?



- Yes, I already allow our child to walk/wheel
- Yes, I will start allowing/encouraging our child to walk/wheel
- Yes, if there was additional support or safety improvements on our route
- No, but I intend to allow/encourage our child to walk/wheel when they are older
- No, I am not interested

Q14. Which of the following would best enable your oldest child to walk or wheel (fully or part way) between your residence and the school?  
(19 Responses)

Answer	Total score	Overall Rank
Major traffic safety improvements were made (new sidewalks, bike lanes, intersection upgrades etc.)	26	1
If my child could walk/wheel with other students (WITH adult)	19	2
Minor traffic safety improvements were made (signage, sightlines, traffic calming etc.)	14	3
If more comfortable routes and nearby drop/pick up locations were identified for our household	13	4
If my child could walk/wheel with other students (NO adult)	12	5
If my child was more capable (better road safety awareness/practicing together on weekends)	4	6

Q15. When you walk or wheel as a family, what motivates you?  
(66 Responses)

Answer	Count	Percent
Desire to feel physical and mental health benefits	50	24.63%
Desire to support climate action by reducing travel in our personal vehicle	21	10.34%
Desire to avoid stress from traffic congestion/parking	27	13.30%
Desire to build our child's confidence, independence and capabilities	40	19.70%
Desire to save money	8	3.94%
Desire to play/spend time outside	39	19.21%
Desire to feel present and connected with my community/peers	11	5.42%
We don't currently walk or wheel together as a family	7	3.45%



Q16. Which capacity building opportunities do you feel would most enable/encourage your household to walk and wheel together more often?  
(66 Responses)

<b>Answer</b>	<b>Total score</b>	<b>Overall Rank</b>
Information on parks/trails to explore on evenings/weekends	72	1
Workshops for simple bicycle repair and maintenance	56	2
Education on route planning in our region	41	3
Bike skill sessions for parents to learn how to ride with young children	32	4
Access to free webinars offering tips and advice for cycling	28	5
Support accessing equipment (safety gear, lights, locks)	25	6
Support accessing weather appropriate clothing for our family	18	7

### C. School Neighbourhood Walkabouts

#### Walkabout 1 (Before school start up)

Date conducted: July 8, 2021

#### Walkabout 2 (After school start up)

Date conducted: September 30, 2021 (7:45-9:30)

Attendees: municipal staff, school and school district administration, Royal Canadian Mounted Police (RCMP), ICBC staff, students, CRD staff

Issues Raised	Potential Solutions Brainstormed	Key Player(s)
School Access Points (front, side and back)		
<ul style="list-style-type: none"> <li>- Pick up/drop off congestion and parking</li> <li>- Lack of traffic control signs at bus driveway exit, high potential for pedestrian or cyclist conflict</li> <li>- Staff parking at old basketball courts &amp; gravel parking highly used by parents at pick-up/drop-off</li> <li>- Only one driveway in/out</li> <li>- Signage needed</li> <li>- New school bus only loop entrance off of Benhomer</li> <li>- Pedestrian path and a handful staff parking spots</li> <li>- Benhomer Road access point is not for parent drop-off/pickup</li> </ul>	<ul style="list-style-type: none"> <li>- Encourage use of multiple access points</li> <li>- Remind families of parking restriction</li> <li>- Work with school &amp; City to identify alternative meeting locations (City identified &amp; signed adjacent road "Drop &amp; Go" sites)</li> <li>- Develop Plan Your Route Map</li> <li>- SD to consider painting a stop bar on exist driveway of school bus loop add stop sign</li> <li>- SD to consider installing barrier so pedestrians cross on sidewalk to prevent cutting across the bus loop exit on an angle</li> <li>- Education for incoming families</li> </ul>	<p>SD62 CRD City of Colwood</p>
Metchosin Road (Along Extent)		
<ul style="list-style-type: none"> <li>- High volume traffic, students not confrontable biking or crossing at crosswalks</li> </ul>	<ul style="list-style-type: none"> <li>- Implement traffic calming to improve road safety for all users</li> <li>- Consider digital traffic monitoring to review speeds and suggest interventions</li> <li>- Increase active travel connectivity</li> </ul>	<p>City of Colwood</p>

Issues Raised	Potential Solutions Brainstormed	Key Player(s)
Painter Road		
<ul style="list-style-type: none"> <li>- 2021 upgrades to buffer bike lanes requires signage</li> <li>- Parents park and block the buffered bike lane</li> <li>- Road user conflicts at parking area</li> <li>- 15-minute parking is too long for the space</li> <li>- Loss of parking has caused staff to park elsewhere</li> <li>- Poor visibility at Cotlow crosswalk</li> <li>- Vehicle speed in school zone – requires more signage and enforcement</li> </ul>	<ul style="list-style-type: none"> <li>- Post no parking signage</li> <li>- Communicate to parents and students</li> <li>- Consider options for engineering solutions</li> <li>- Consider developing policy guidelines for expansion of bike lanes to consider adjacent land use</li> <li>- Upgrade sidewalks on Benhomer Road</li> </ul>	
Wishart Road		
<ul style="list-style-type: none"> <li>- Students don't feel comfortable crossing</li> <li>- Parents note that students tend to take shortest route rather than walking to Sangster crosswalk especially when riding bikes</li> </ul>	<ul style="list-style-type: none"> <li>- Consider upgrading crosswalks</li> <li>- Crosswalks at Painter/Metchosin would encourage bike riding on the new Painter Road bike lane</li> </ul>	City of Colwood ICBC

# Appendix D: 7 E's of Active School Travel Planning Online Resources for School Communities



August 2022

# THE 7 E'S APPROACH TO ACTIVE SCHOOL TRAVEL PLANNING



The 7 E's of Active School Travel Planning – Resources for School Communities is an [online resource](#) which provides schools with the ideas, tools and activities needed to build and support the ongoing internal capacity needed to continue a school-wide active travel culture.

The 7 E's Approach to Active Travel aims to be a comprehensive, integrated and sustainable strategy to build school-neighbourhoods that are walkable and wheelable for all ages and abilities, by mitigating and addressing barriers preventing accessible active travel.

Students, families, educators, and Active Travel School Leaders are encouraged to [access the resources online](#) through the [Ready Step Roll webpage](#) to support school community equity, education, encouragement and environmental active travel initiatives, while complimenting evaluation, engineering, and enforcement actions facilitated by local government engineers, the CRD and community partners.

**Visit our webpage to learn more about the [7 E's approach to active travel](#) with tips, tools and ideas to support active travel at your school!**

**7 Es of Active Travel**

The 7 Es of Active Travel Planning describe the multi-faceted approach used by Ready Step Roll to build capacity within school communities both during and after they have completed Action Planning.

Many of the resources below have been developed for participation during the Ready Step Roll Initiative, but all resources have been made available for public use in all regional school communities. Contact us if you would like more information on obtaining additional resources to enable active school travel at your school.

Education	Equity	Evaluation	Engineering	Enforcement	Encouragement	Environment
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With the right training, students can walk and wheel to school more often while enjoying increased physical skill sets and self-confidence. School communities learn about active travel benefits and caution points through road and traffic safety education and bike skills courses, developed in partnership with police, ICBC, and local non-profit organizations.

- Road Safety Scavenger Hunt** - Keep your eyes peeled! This resource challenges families to find different infrastructure, traffic signs, special vehicles, and neighbours while you walk through your community. Use it to teach your child about traffic safety or to change up your daily walks.
- Move your Feet on the Street Challenge** - How many ways can you move on your street? We're challenging kids to travel their "home stretch" using as many different forms of active transportation as possible. Includes a warm up brainstorming activity, followed by hands-on learning and finally, thematic-podcasts to help kids wind down after moving.
- Ready Step Roll Bingo** - On your marks, get set, BINGO! Challenge family members to be the first player to complete a line on their bingo card while performing different strength building movements, exercises, and stretches to help stay active at home.
- Backyard Adventure Course** - Get creative and see how you can move through your homemade obstacle course! This resource includes ideas on how to transform common household objects and toys into different obstacles for kids to maneuver through in the driveway, backyard, or even the living room!
- Physical Literacy Resource List** - a growing master list containing links to websites with ideas and activities to help keep kids active while they develop personal physical literacy. This list will continue to be updated.
- ICBC Road Safety Resources for Teachers** - Free learning resources developed to teach B.C. students road safety skills and awareness. These grade specific resources were developed to meet the Ministry of Education's curriculum guidelines and incorporate First Peoples' Principles of Learning.

[Equity »](#)

# 7 E'S Approach to Active School Travel Planning

A comprehensive and sustainable approach to making school-neighbourhoods more comfortable to walk and wheel, by identifying and addressing safety and social barriers to better support and enable active travel with confidence.



## EQUITY

Intentionally consider needs and impacts of all regional demographics groups with particular attention to ensuring safe, healthy, and fair outcomes for residents of diverse family, cultural, socio-economic backgrounds, abilities and identities.



## ENVIRONMENT

Support actions that would enable a reduction in transportation related greenhouse gas (GHG) emissions and vehicle pollution through the focus on increasing rates of active travel.



## EVALUATION

Collect data and user insights to understand residents travel context, to identify appropriate approaches, opportunities to improve the effectiveness of an approach for respective communities while monitoring changes over time.



## ENGINEERING

Make physical improvements to the streetscape, regional trails and built environment to improve the walk/wheel-ability and bike-ability within and between municipalities with region-wide connectivity.



## ENFORCEMENT

Increase awareness and compliance of traffic laws, bylaws and guidelines to ensure a sense of personal safety and comfort for those taking active travel.



## EDUCATION

Change perceptions of active travel and support programs to improve safety, reduce conflicts between transportation modes, and build the confidence and skills needed to safely and confidently walk/wheel or cycle.



## ENCOURAGEMENT

Support and expand the number of individuals to choose active modes of transportation to meet local travel needs with purpose and confidence.