

École Keating Elementary

Active School Travel Report

2019-2020



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## **ACTIVE SCHOOL TRAVEL PLANNING**



# **Keating Elementary**

Active School Travel Planning is a school catchment/neighbourhood-based planning process aimed at increasing rates of walking and wheeling (bike, scooter, rollerblades, skateboard, wheelchair) or bus -- modes of active travel -- part-way or fully to and from school. Active School Travel Planning programs 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) <a href="https://ontarioactiveschooltravel.ca/wp-content/uploads/2017/08/Best-Practices-Report-Ryerson.pdf">https://ontarioactiveschooltravel.ca/wp-content/uploads/2017/08/Best-Practices-Report-Ryerson.pdf</a>, looks at a number of case studies and key learnings from around the world.

The <u>Capital Regional District</u> (CRD) <u>Board Priorities</u> and <u>Corporate Plan</u> 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 at a foundational level, the CRD coordinates the active and safe routes to school planning initiative, known as the CRD's Ready Step Roll – Active School Travel Planning Program.



**Modes of Active Travel** 

# **BENEFITS OF ACTIVE TRAVEL**

**Active travel** describes using any form of transportation that relies on human-power to move. This includes **walking and wheeling** (bike, skateboard, rollerblades, scooter, wheelchair).

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



Improve physical and mental health



Arrive alert and ready to learn



Create positive community behavior change



Support and help parents, be more self-reliant, support household schedules/routines



Feel present and connected



Build confidence and capability



Reduce traffic congestion, cleaner air and reduced Green House Gas emissions



Save time and money

## CRD'S READY STEP ROLL PROGRAM

# What is the Ready Step Roll Program?



Facilitated by the Capital Regional District (CRD), the Ready Step Roll (RSR) - Active School Travel Planning program works annually with five school communities and respective local government agencies to encourage and enable more students to use active travel to get to/from

school. Students who walk and wheel (bike, scooter, skateboard, wheelchair) to/from their school (or bus stop!) arrive alert and ready to learn, while helping to reduce regional GHG emissions and create safe, connected communities.

The Ready Step Roll program is a comprehensive and sustainable approach to making school-neighbourhoods more walk-able and wheel-able, by identifying and addressing safety and social barriers to better support and enable active travel with purpose and confidence. The success of the program relies on participatory partnerships with provincial and local governments, school districts and schools (administration, PACs and students), along with the Insurance Council 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, enforcement, education and encouragement, known as our "6-E's approach to active school travel planning".

# What is the Active Travel Planning Process?

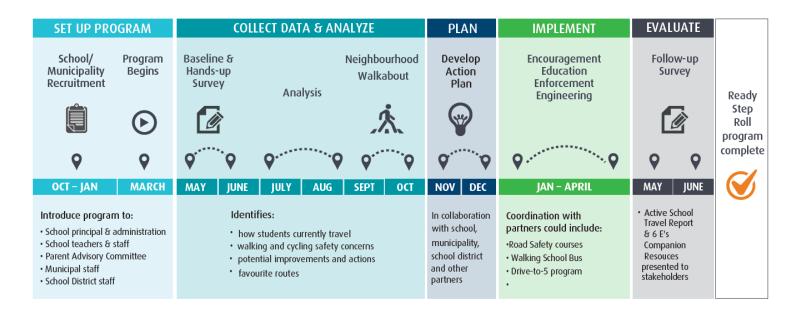
Over the 18-month RSR program (approximately January through to the following June), the CRD works collaboratively with stakeholders to:

- 1. **Identify** schools and local governments that are **committed to working** together.
- 2. **Facilitate** the creation and implementation of school-catchment **Active School Travel Report** to further enable and inspire active transportation mode choice. During the program, local active travel safety concerns on common school routes are identified via school travel surveys, a School-Neighbourhood Walkabout, as well as a variety of consultation activities.
- 3. **Build capacity** of the school for ongoing initiatives that focus on **Equity**, **Evaluation**, **Engineering**, **Enforcement**, **Education** and **Encouragement** (the 6 E's).

# Who are the Key Partners?

- → CRD Facilitator and Project Manager of the Ready Step Roll (RSR) program.
- → **District of Central Saanich** Provides local knowledge on street level infrastructure, assists in development of Action Plan, evaluates and considers proposed solutions, supports/undertakes implementation and follow-ups with school regarding safety improvements post RSR program.
- → **School Administration and School District** Provides insight into school sites and bussing, evaluates and considers implementation of proposed solutions on school property, and supports implementation of education and engagement initiatives during and post RSR program.
- → PAC, school community, students Provides perspective based on their experience walk-ability and wheel-ability of school-neighborhood, identifies constraints and opportunities for improved drop-off/pick-up. Contribute to action planning, support education and engagement initiatives during and post RSR program.

# What is the Program's Timeline?



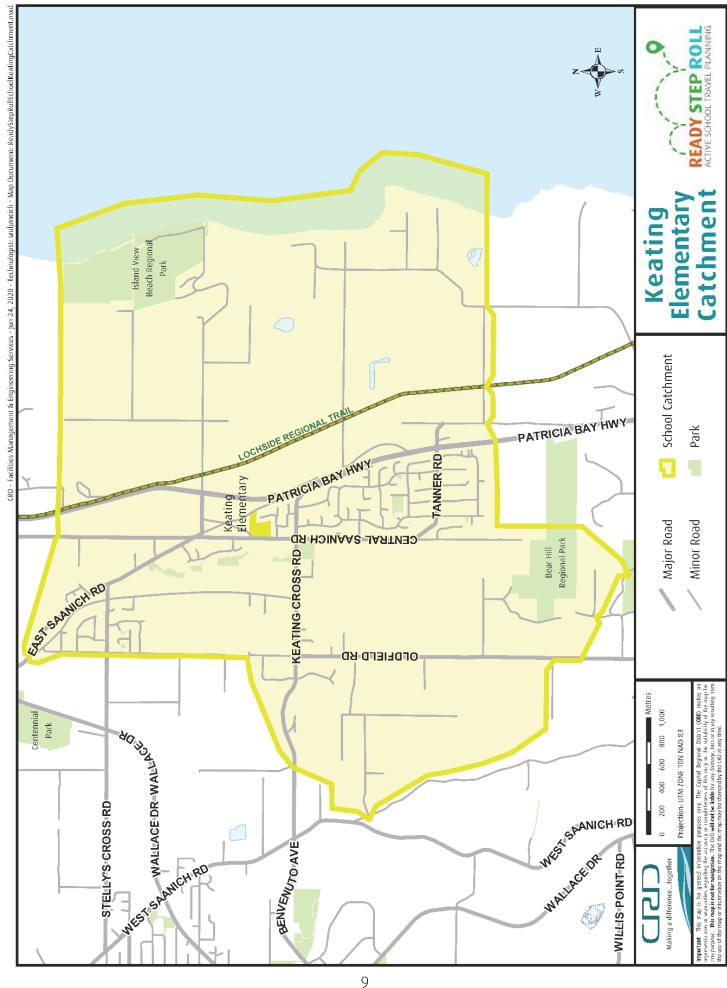
# **SCHOOL PROFILE & CATCHMENT TRAVEL CONTEXT**



École Keating Elementary School Profile

	<u> </u>
School District	School District 63
Local Government	District of Central Saanich
Catchment Areas	Keating, Saanichton, Brentwood Bay
Grades	K-5
2019 Enrollment	431 students
School Programs	Dual Track English and French Immersion Out of School Care on site Active PAC
School-Based Active Travel Support	Free school bus service to catchment-identified areas  One part-time crossing guard at Central Saanich Road/Keating Cross Road (seeking additional guards)  On-site outdoor supervision from 8:25am until 3:00pm  Bike Racks at front & back school access points  Active PAC
New! Ready Step Roll Active Travel Initiatives (ongoing)	<ul> <li>✓ Drive to 5 locations at:         <ul> <li>→ Cooperridge Dr.</li> <li>→ Adam Kerr Park</li> </ul> </li> <li>✓ New bike rack, added to existing fleet of bike racks</li> <li>✓ 6 E's of Active Transportation Companion Guide</li> <li>✓ District of Central Saanich completed &amp; working on Action Plan items</li> </ul>

**École Keating Elementary School** is one of eight elementary schools in School District 63, and one of two elementary schools located in the District of Central Saanich. The catchment area is characterized by rural farmland, single family home subdivisions, and a growing industrial area. Keating Elementary is located on a primary trucking route and experiences high vehicle volumes with several large trucks and vehicles travelling through the school zone. Moreover, the catchment covers a large geographic area due to the local rural landscape and district French Immersion Program. In our baseline survey, Keating families demonstrated an interest in achieving higher active travel participation but cited many concerns related to traffic safety and travel distances as common barriers.



# 6 E'S APPROACH TO ACTIVE SCHOOL TRAVEL PLANNING

The 6 E's approach to Active School Travel Planning aims to be a comprehensive, integrated and sustainable approach to making school-neighbourhoods more walk-able and wheel-able, by identifying and addressing safety and social barriers to better support and enable active travel with purpose and confidence.



## **Equity**

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



#### **Evaluation**

Collect data and user insights to understand school-neighborhood context, assess which approaches are appropriate, identify opportunities to improve the effectiveness of an approach for a given school community and monitor changes over time.



# **Engineering**

Make physical improvements to the streetscape and built environment to improve the walk-ability and wheel-ability with a focus on the immediate school-neighbourhood, common/high-use routes, and on school property.



#### **Enforcement**

Increase awareness and compliance of traffic laws, parking regulations, drop-off/pick-up guidelines and personal safety with a focus on the immediate school-neighbourhood and on school property.



#### **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 or wheel to and from school.



### **Encouragement**

Promote walking and wheeling as fun, easy, practical, exciting and inclusive ways to get to and from school (fully or part-way).

# **EQUITY**

Ensures that the RSR program across the Capital Region is benefiting all demographic groups, 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 Ready Step Roll program integrate 'Equity' at a local government level?

- ✓ Works to consult with all relevant school and community/government stakeholders by offering multiple engagement opportunities on a variety of platforms.
  - → In person: Walkabout, PAC and Principal Meetings, Mapping, Engagement/Celebration stations, Hands Up Surveying method.
  - → **Virtual**: Baseline School Travel Survey, email/phone consultation, access to website resources, material sharing with program partners.

### How does the Ready Step Roll program integrate 'Equity' at a school community level?

- ✓ Works with PACs to facilitate equity into all opportunities and ideas
  - → Educational: Works with PAC representative 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 work to support all students (crossing guard appreciation).
- ✓ Works with School Administration to address gaps in before and after supervision to support family and work schedules.
  - ightarrow Walking School Bus and Drive to 5 initiatives.
  - $\rightarrow$  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: Elimination of tripping hazards at school access points, pedestrian visibility issues at school access points, considers safety and accessibility of active travel near school bus stops.

## **EVALUATION**

Collect data and user insights to understand school-neighborhood context, assess which approaches are appropriate, identify opportunities to improve the effectiveness of an approach for a given school community and monitor changes over time.

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 program collects data through various means of formal and informal consultation. The CRD evaluates and uses the data and insights of the school community to facilitate development of the Action Plan with the local government, school and other participating community members.

#### Hands-Up Survey

→ Week-long daily survey taken in-class held at the beginning, middle and end of the program, to understand how students typically travel to and from school. This survey may be used as a school baseline throughout the program and in future years to gauge change over time.

## Baseline School Travel Survey

→ 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

→ Build on the school survey data to get a better understanding of the challenges families have walking and wheeling to school. In the second hour, participants work together to brainstorm engineering, education and encouragement solutions. This information is used to create the Action Plan to guide improvements.

#### Personal Communications

→ Meetings, email, phone conversations throughout the program with Principal, Parent Advisory Committee (PAC) and local government confirm collected data and facilitate the development of the Action Plan.

# **CONSULTATION**

# École Keating Elementary - School Consultation Summary



237 Baseline School Travel Surveys, equal to 55% of students (May/June 2019)



2582 Student Trips Recorded on Hands Up Surveys (May 2019)

2 In School Encouragement & Engagement Activities\*



- → Walk and Wheel Celebration Station (October 2019)
- → Plan Your Route Mapping Engagement (March 2020)
- → Bike Skills Education\*
- → Road Safety Education\*



1 School Neighbourhood Walkabout (October 2019)



6 Principal and/or PAC meetings (2019-20)



2 Local Government Meetings, with numerous phone and email commutations focused on drafting the Action Plan (2019-20)

<sup>\*</sup> Due to the school COVID-19 impacts, a number of encouragement and engagement activities were cancelled or postponed. The follow-up survey component was also cancelled. Program evaluation with school and municipality occurred after the program ended and is not reported in this document.

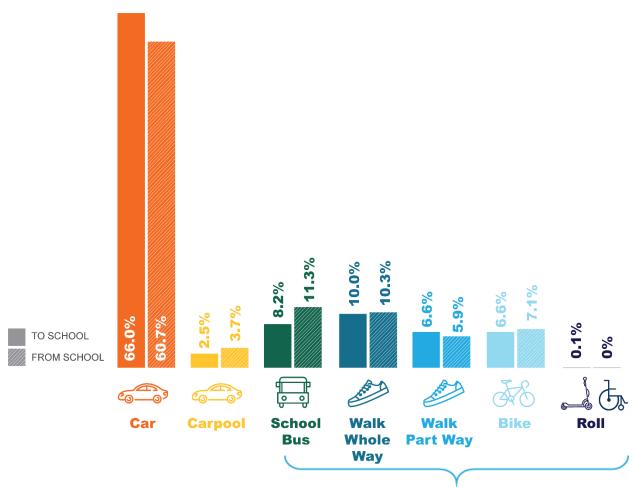
# **SCHOOL TRAVEL SNAPSHOT**

Data obtained from the 2019 Online School Travel Survey & In Class Hands-Up Survey

# How do students typically get to & from Keating Elementary?

→ Typically, about 35% of students use some form of active travel to and from Keating.

Driving (alone or carpool) accounts for about 65% of the travel to and from school.



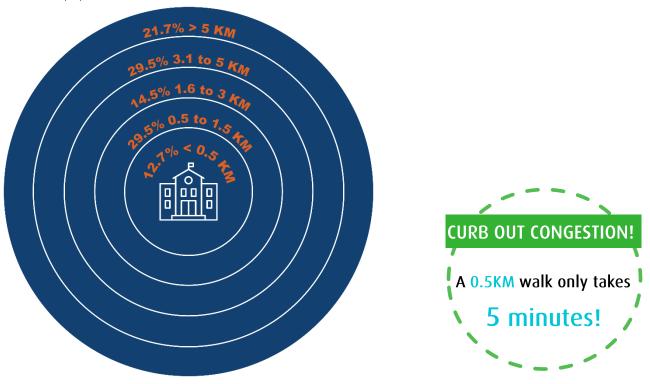
**Modes of Active Travel** 

# **TAG ALONG!**

Over 50% of students using active travel to and from Keating Elementary are accompanied by an adult. Talk to other families and see if your street can start a Walking School Bus!

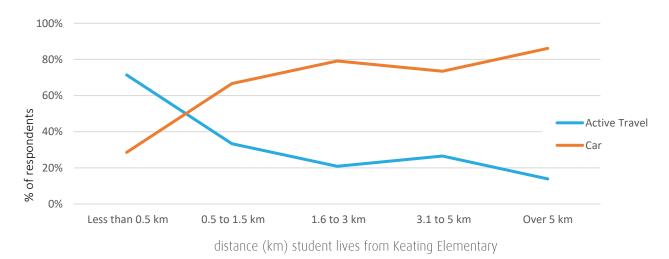
# How far do students live from Keating?

→ Over **40%** of all families attending Keating live within 1.6 km of the school Due to the large rural catchment of the school and the delivery of French Immersion, over half of the student population lives further than 3km from the school.



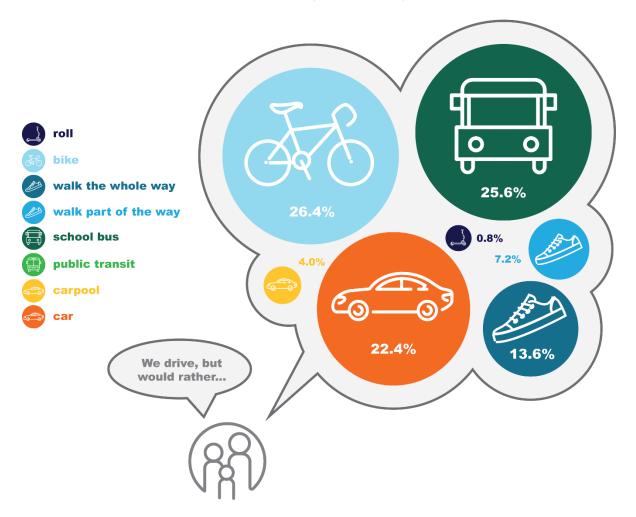
# How does distance impact travel choices at Keating?

→ Typically, **50%** of students that are **driven** to/from school live less than 0.5 km from school.



# How would you prefer your student get to/from Keating Elementary?

→ Of all families, 54% of parents would prefer their child uses active transportation to travel to and from school. 25% of parents would prefer their child take the school bus.



# LET'S GET MOVING!

Out of all Keating Elementary families who usually drive, 74% of families would prefer their child use active travel to get to and from school.

## SCHOOL TRAVEL CHALLENGES

As identified through formal and informal consultation - listed in order of priority.

## Central Saanich Rd

- → Vehicle volumes and speeds
- → Truck traffic in front of school
- → Lack of continuous sidewalks
- → Main school pedestrian activated crosswalk is misaligned with school front entrance sidewalk creating accessibility and safety challenges
- → Lack of crosswalks between Keating Cross Rd and school (suggested location: Moore St.)

# Central Saanich Rd @ Keating Cross Rd

- → Vehicle volumes and speeds
- → Truck traffic
- $\rightarrow$  Vehicles running red lights
- → Trucks turning left onto sidewalk
- → Insufficient number of crossing guards and length of time attending crosswalks

# Keating Cross Rd

- ightarrow High vehicle speeds and volumes
- → Truck traffic
- → Lack of continuous sidewalk
- → No bike lane

#### East Saanich Rd

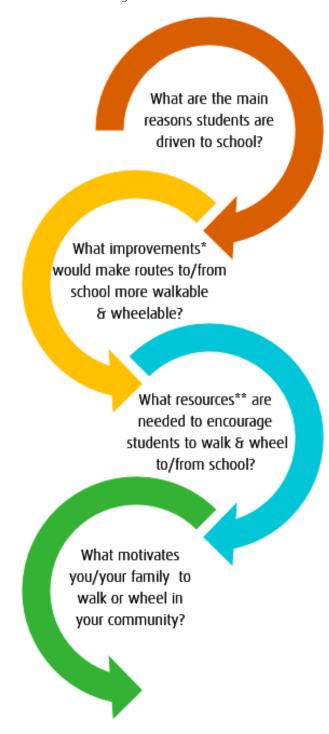
- ightarrow Vehicle volumes and speeds
- → Lack of continuous sidewalk
- → No bike lane

## School Grounds & Entrances

- → Lack of parking
- → Difficult access
- → Limited visibility (pedestrian safety concern) in drop-off/pick-up loop and parking lot entrances and exits
- → Too many turning movements

## **SCHOOL TRAVEL OPPORTUNTIES**

As identified through formal and informal consultation.



- → Too far to walk/wheel
- → Traffic danger/concerns
- → Convenience/time pressures
- → Student too young to walk/wheel
- → Continuous sidewalks/trails
- → Connected bike network
- → Efforts to reduce vehicle speeds/volumes
- → Relocated & additional crosswalks
- → Increased visibility & safety at crosswalks
- → Practicing walking/wheeling with my child
- → Identifying the most appropriate routes to school
- → Making sure my child has weather appropriate clothing
- → Ensuring my child's bike is in good working order
- → Parking 5 minutes away from school & walking the reset
- → Getting physical activity/exercise
- → Spending time outside
- → Setting a good example

<sup>\*</sup>For more details see action Plan (Appendix B)

<sup>\*\*</sup>For more resources see Plan Your Route Map & Student Activity (Appendix A), Action Plan (Appendix B), 6 E's of Active School Travel - Online Resources for School Communities (Appendix D)

# **ACTION PLAN HIGHLIGHTS**

One of the main deliverables of the Ready Step Roll Program is the **Action Plan** (see Appendix A). 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 respected jurisdictions for consideration, approval and required budgetary process.

The following sections key highlight active travel challenges raised and possible solutions presented in the Action Plan through the lens of the 6 E's principles.

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

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

## **ENGINEERING**



Engineering infrastructural improvements help improve the walk-ability and wheel-ability of streetscapes and built environments within immediate school-neighbourhoods, common/high-use routes, and on school property.

#### Active Travel Challenges Raised

#### Crosswalks

"High traffic area, congestion at [Keating @ Central Saanich] intersection large semi-trucks turn and either have to drive up onto the curb to avoid a collision with the east-bound turning lane traffic from Central Saanich Rd, or cut the corner."

"Very short time limiting crossing [at Keating and Central Saanich]."

"The [existing signalized] crosswalk [in the school zone on Central Saanich Rd] should lead directly across to the sidewalk in the Keating parking lot rather than where kids still need to cross the car entrance into the parking lot. The large hydro pole [in sidewalk] makes visibility poor for drivers and pedestrians as so many cars turn into the parking lot at the start and end of the day."

## Lack of Connected Sidewalks

"...the road should only allow parking on one side and one side should have a sidewalk."

"Lack of infrastructure and high truck traffic on Central Saanich road near the school"

# **Action Plan Key Messages and Solutions**

#### District of Central Saanich

- ✓ Move back the left hand turn lane stop bar on Central Saanich @ Keating Rd to increase the turning radius for trucks so they no longer drive up on the curb at the crosswalk.
- ✓ Increase intersection crossing times for pedestrians at Keating/Central Saanich.
- Consider options for main school crosswalk on Central Saanich Road to both increase safety of students crossing the road and entering/exiting school property at main entrance. Preference for re-location would be directly in front of entrance of school so students would not need to cross the school parking lot or vehicle entrance (directly adjacent), also solving current accessibility issue with telephone pole.

#### District of Central Saanich

☑ Numerous residential streets and main streets were identified to have no, or lack of connected, sidewalks – RSR feedback will be considered by Central Saanich as they develop an Active Transportation Plan in 2020

## **ENFORCEMENT**

Enforcement increases awareness and compliance of parking regulations, traffic laws, drop-off/pick-up guidelines and personal safety with a focus on the immediate school-neighbourhood and on school property.

## **Active Travel Challenges Raised**

# Vehicles Speeding in School Zone & on Common Routes to School

"When we have police presence nobody speeds, when we don't it's a free for all of dangerous driving"

"Keating Elementary is on a very busy road that is a truck route... [feels] unsafe for elementary school aged children to travel this route on foot or on a bike as the large trucks dominate the road and often speed"

# Limited visibility on school routes

"...during morning drop-off and after school pickup lots of vehicles parked on either side of the road which makes it dangerous for kids walking on the road to get to school."

Parked cars and vegetation overgrowth blocking visibility of pedestrian and cyclists on routes to school, particularly on streets near school during pick-up and drop-off times.

# **Action Plan Key Messages and Solutions**

#### District of Central Saanich

- ☑ Paint "SCHOOL ZONE" marking on road to improve motorist's awareness of the school zone on Central Saanich Rd at East Saanich Rd.
- ☐ Consider adding reflective strips to existing posts and/or installation of digital speed readers for vehicles approaching school zone (City of Victoria implemented at George Jay)

#### Central Saanich Police

☐ Continue patrol efforts in school zone and in key areas of concern during high traffic volume periods

#### District of Central Saanich

- Review parking signage near school intersections

   may consider updated parking restrictions at
   pick-up and drop off times to create space for
   pedestrians where sidewalks are not present
- Parks Department and private property owners to monitor and improve maintenance of vegetation overgrowth to ensure space to walk/cycle and improve pedestrian visibility

## **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 or wheel to and from school.

## **Active Travel Challenges Raised**

#### Lack of Road Safety & Bike Skills

"Big hills make [student] resistant to biking, but honestly more about my schedule limits and inability to invest time in coaching [student] on becoming skilled at riding."

# Keating Drop-Off Loop, Identifying Safer Routes to School & Alternative Drop-Off and Pick-Up Sites

"...during morning drop-off and after school pick-up there is lots of vehicles parked on either side of the road which makes it dangerous for kids walking on the road to get to school."

"Too much traffic congestion causing backlog and impatient drivers who abandon traffic rules even inside the parking lot."

"The parking lot at Keating School is very small and won't allow for many cars to park for pick-up. One person turning left blocs traffic for quite some time due to steady stream of traffic."

# Need for Educational Resources for School Communities Post-Program

Previous RSR schools have indicated their need for resources after the conclusion of the RSR program in order to build their capacity

# **Action Plan Key Messages and Solutions**

#### School Administration/RSR program (CRD)

- ☑ \*Partner with Greater Victoria Bike Society to deliver bike skills to Grade 4 and 5 students
- ☑ \*Partner with ICBC & Police to deliver "Think of Me" Road Safety education campaign for students K-3.

### RSR program (CRD)

☑ Develop and support school with promoting a Drive to 5 sites at Cooperridge Dr. and Adam Kerr Park, Plan Your Route Map and activity (identifies active travel infrastructure along school routes) and other educational resources to support student physical literacy

#### School Administration & PAC

- Promote (school) above new resource which helps identify active travel infrastructure along school routes
- School to encourage parents/guardians to use new (above) RSR resources
- Promote Drive-to-5 sites:Cooperridge Dr. and Adam Kerr Park

#### CRD

☑ Create the Ready Step Roll – 6 E's of Active
School Travel – Online Resources for School
Communities - includes the Drive to 5 Guide,
Walking School Bus Guide, School Streets Guide,
and Road Safety Tips for Principal Newsletters.

<sup>\*</sup> Rescheduled to fall'20 due to impact of Covid19

## **ENCOURAGEMENT**





## **Active Travel Challenges Raised**

# Limited number of safe drop off and pick up locations

"If there was a 'Walking School Bus' or cycling group [Bike Train] ... I would consider joining it. They're too young to travel without an adult and I don't trust drivers to be extra slow ad cautious around them"

"I'd love to see a school-bike bus [School Bike Train], where two adults accompany a group of fides so they are visible and accompanied and pick up more kids along the set route."

## **Action Plan Key Messages and Solutions**

#### CRD RSR program

- ✓ Purchase a new bicycle rack to be installed at Keating Elementary in 2020
- ☑ Create the 6 E's of Active School Travel Online Resources for School Communities includes the Drive to 5 Guide, Walking School Bus Guide, School Streets Guide, and Road Safety Tips for Principal Newsletters.

#### SD63/School Admin/PAC

- ☑ Take part in community celebrations and campaigns that promote active transportation
- Continue to host school events that encourage healthy and active lifestyles
- Promote new RSR resources:
  - Drive-to-5 Sites Cooperridge Dr. and Adam Kerr Park
    Plan Your Route Map and Activity (see Appendix A) and
    other resources in 6-E for Active School Travel Online
    Resources for School Communities (see Appendix D)
- ☐ Try starting a "Walking School Bus" or "Bike Train" (see Appendix D)

## PLAN YOUR ROUTE TO KEATING ELEMENTARY

Plan Your Route to Keating Elementary: This map was created to show the pedestrian/wheeling and cyclist infrastructure in the École Keating Elementary School neighbourhood. This map also shows the Keating Elementary Drive-to-5 sites at Cooperridge Dr. and Adam Kerr Park - where families are encouraged to 'Kiss and Go' or 'Park and Stroll' approximately 5 minutes to school.

# TRY PLANNING YOUR FAMILY'S ROUTE TO SCHOOL!

Find the map and activity in Appendix A.

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

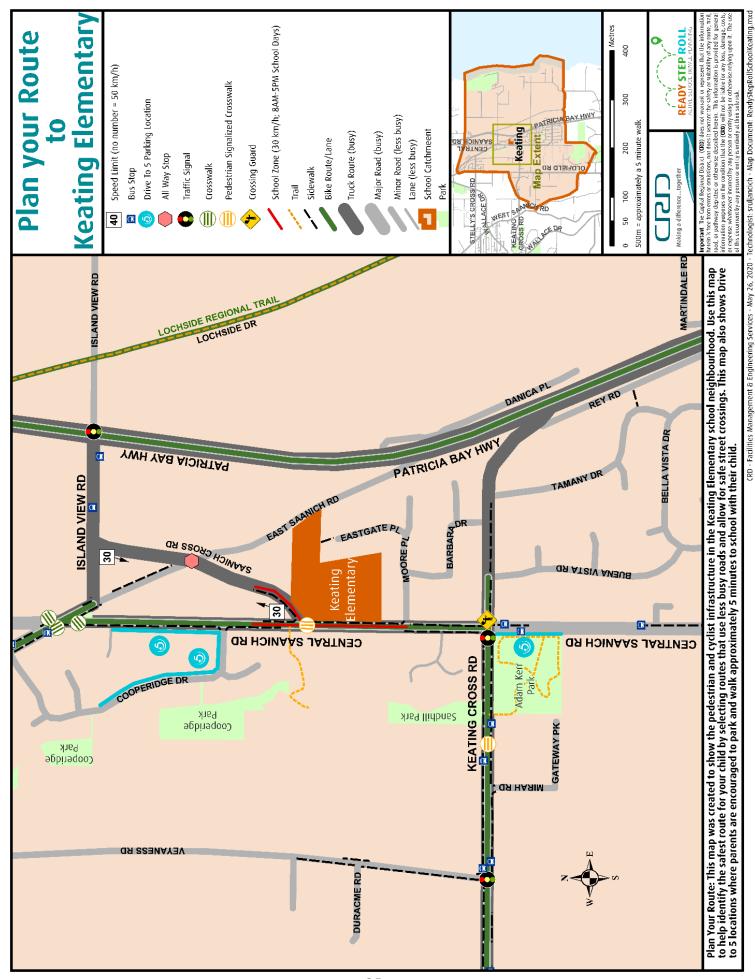
- ✓ Plan the route to school with your child
- $\checkmark$  Identify landmarks, road names, and potential hazards
- $\checkmark$  Help your child dress for the weather
- ✓ Ensure all equipment is safe and suitable for your child

# Prepare

- ✓ Set a good example when walking and wheeling
- ✓ Practice walking and wheeling with your child on weekends
- ✓ Teach road rules using the "CRD Handbook for Cyclists"
- ✓ 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 games like "Red light, Green light" and "I Spy"
- $\checkmark$  Invite friends to join you in walking and wheeling
- $\checkmark$  Explore new trails, parks, and activities that encourage active travel



## **KEEP ROLLING WITH NEXT STEPS**

By design, the RSR program's focus on the 6 E approach aims to build capacity within stakeholders to fulfill the action plan items and further enable and inspire active travel mode choice. Recognizing that many of the school stakeholders (administration, teachers, PAC, parents and students) move on to new schools, the below 'Next Steps' aim to facilitate the hand off to the new school community over time, so they can continue to foster Keating's active travel culture.

# **Keep Rolling with Next Steps:**

#### Shifting Gears...

Disseminate paper and <u>digital</u> copies of all resources to the school and local government. CRD to deliver paper copies of Active School Travel Report, Ready Step Roll: 6-E's of Active Transportation Companion Resource for Schools, and a copy of a large printed "Plan your Route to Keating" map to be placed in the school for future use.

## Keeping in Step...

Continue implementation of Action Plan (Appendix B) – suggested actions to be completed or considered by the various partners identified.

# Gaining Momentum...

How to keep the momentum going – Learn about the <u>6 E's of Active School Travel - Online Resources for School Communities</u> – lists ideas, resources and key messages to foster an active travel culture that will continue after the program concludes. Every fall and spring promote the **Plan Your Route Map & Activity** (identifies active travel infrastructure along school routes) to teachers and parents.

# PARTNER KEY CONTACTS & LINKS TO RESOURCES

- → Central Saanich Engineering: <u>ActiveTransportation@csaanich.ca</u>
- → Central Saanich Active Transportation Plan (currently under development)
  <a href="https://letstalkcentralsaanich.ca/activetransportation">https://letstalkcentralsaanich.ca/activetransportation</a>
- → CRD Ready Step Roll: <a href="mailto:regionalplanning@crd.bc.ca">regionalplanning@crd.bc.ca</a>
- → CRD Pedestrian and Cyclist Master Plan
- → <u>CRD Bike Map</u>

# **APPENDICES**

Appendix A – Plan Your Route Map & Student Activity

Appendix B – Action Plan

Appendix C – Consultation Data & Insights Summary

Appendix D – 6 E's of Active School Travel - Online Resources for School Communities



# PLAN YOUR ROUTE TO SCHOOL

Appendix A: Map & Activity – Keating Elementary





# **APPENDIX A - PLAN YOUR ROUTE TO SCHOOL**

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
- ✓ Identify landmarks, road names, and potential hazards
- ✓ Help your child dress for the weather
- ✓ Ensure all equipment is safe and suitable for your child

# Prepare

- ✓ Set a good example when walking and wheeling
- ✓ Practice walking and wheeling with your child on weekends
- ✓ Teach road rules using the "CRD Handbook for Cyclists"
- ✓ 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 games like "Red light, Green light" and "I Spy"
- $\checkmark$  Invite friends to join you in walking and wheeling
- ✓ Explore new trails, parks, and activities that encourage active travel

# This appendix includes:

- 1. A map (back page) of the pedestrian and cyclist infrastrucuture in the **École Keating Elementary School** neighbourhood
- 2. Ideas and tips to help your family plan, prepare, and practice safe active travel
- 3. A guided activity template to help your family plan your child's safest active travel route to school
- 4. A blank activity template for your family to complete.

# PLAN YOUR ROUTE TO SCHOOL - ACTIVITY SAMPLE

To get the most out of active travel it is important to plan your route, prepare yourself, and practice good etiquette on the streets and trails.

Learn how to plan the safest route to school for your family with this sample activity, which includes a blank activity along with a completed sample for your reference.

1. Write down each family member's morning & afternoon commute. Be sure to consider any additional stops along the way to their final destination.

Most mornings, <u>Wom</u> travels <u></u> (family member name)	(alone/with others to destination)	Mode of transportation)
Most afternoons, <u>Mom</u> travels _	alone from work	by <u>bike</u>
Most days, <u><b>Mom</b></u> would prefer to trave	el <u>with Sam to scho</u> o	ol and work by bike
EXA		
2. Set family goals! Be sure to consider	r the age, ability, and ind	ependence of each child.
<ol> <li>"Our child will be dropped off 5 n</li> <li>"We will practice biking as a fam</li> <li>"I will start a walking school but</li> </ol>	ily to school on weekends, s	so our child can bike alone"

# TRAVEL TIP: SKIP THE LINE!

(write your personal goal here)

I would like to accomplish:

'Kiss and Go' or 'Park and Stroll' at any of the Drive to 5 locations 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.

Examples: balancing other family member's schedules, childcare/supervision, traffic, distance

Barriers	Strategies for success
Timing – we can't bike to school together in the	<ol> <li>Use school's early supervision to allow our family to drop Sam off early, and then bike to work.</li> </ol>
morning, because I will arrive late.	2. Purchase bike lights, reflective accessories and clothing
<b>Weather</b> – dark outside during the morning	3. Adjust my route to include lighted streets as needed.

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

Route option 1: Use regional trail network. My trip will be 8km and take approximately 30 minutes by bike (including drop off time)

Route option 2: Use neighbourhood cut-through and travel on road bike lanes. My trip will be 10km and take approximately 40 minute by bike (including drop off time)

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	Pedestrian Overpass	Walking School Bus
Marked Crosswalk	Crossing Guard	Drive to 5 Parking Area
Signalized Crosswalk	Bike Lane	Pedestrian/Cyclist Trail

To travel my route, I will use:



# **PLAN YOUR ROUTE TO SCHOOL - ACTIVITY**

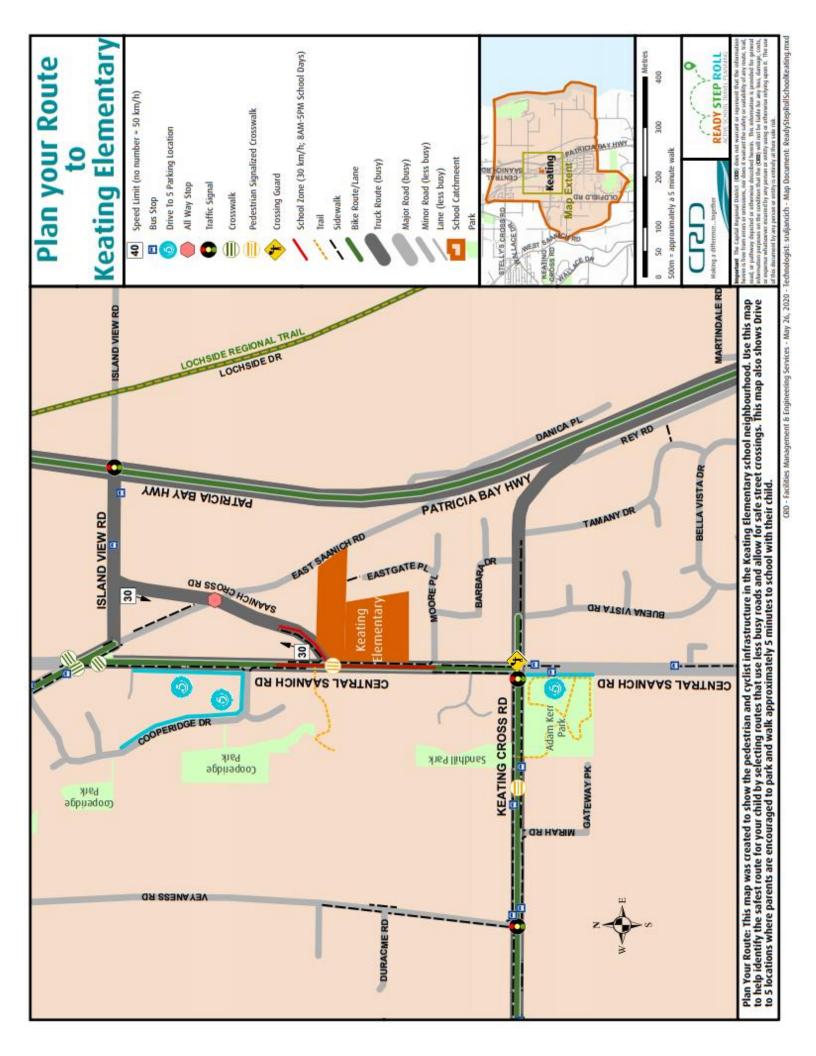
1. On a separate sheet of paper, write down each family member's morning & afternoon commute using the same format as below.

Be sure to consider any additional stops along the way to their final destination.

travels er name) Ild prefer to trave	(alone/with others to destination)  (alone/with others to destination)  (alone/with others to destination)  (alone/with others to destination)	by _ by(r	node of transportation)  mode of transportation)
Ild prefer to trave	(alone/with others to destination)  ne age, ability, and inde	_ by(r	mode of transportation)
Ild prefer to trave	(alone/with others to destination)  ne age, ability, and inde	_ by(r	mode of transportation)
ure to consider tl	ne age, ability, and inde		
ure to consider tl	ne age, ability, and inde		
	-	pendenc	te of each child.
	·		
	hy	/	
write your personal goal he		/(dat	te)
-	·	=	oer's goal.
(	note of potentia	by	_by

<b>.</b>	ermine the most <u>direct</u> route t nd travel time estimates for yo	•
Route option 1:		
Route option 2:		
TRA	AVEL TIP: SKIP THE LINE	UP!
	and Stroll' at any of the Drive to hool to avoid long lines and idlir drop off loop line up.	
routes to your school's loc caution points, and landm	e! Use the attached map to contail infrastructure. With your chicarks to help prepare them to would use on the way? (che	ld, identify safe crossings, valk and wheel to school.
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 u	se:	
It will take about	minutes to travel (time in minutes)	(distance; m or km)

Plan, Prepare, Practice!



# PLAN YOUR ROUTE TO KEATING



In the 2019-20 school year, Keating Elementary completed the CRD's Ready Step Roll - Active School Travel Planning program to encourage and support more families to walk and wheel to school more often.

# **HOW DO I USE THIS MAP?**

- 1. Using Google Maps, find the shortest route to walk or bike to school. Explore suggestions for multiple possible routes!
- 2. Compare the routes suggested by Google Maps to the infrastructure (i.e. crosswalks) shown on this map.
- 3. With your child(ren), identify and talk about:
  - Safe crossing locations and behaviours
  - Landmarks to help with wayfinding
- Caution points along the route
- Safe behaviours and habits
- **4. Plan, Prepare and Practice with your child** to build their confidence and ability to walk and wheel to and from school with friends or independently!



#### WHAT IF WE NEED TO DRIVE?

Walk and Wheel part way to school to skip the drop off loop line up!

- 1. **Use Drive to Five parking** available at Adam Kerr Park and along Cooperidge Dr (see map).
  - a. Park and Stroll park and accompany your child on their walk to school
  - b. Kiss and Go allow your child to walk independently to school
- 2. Talk to classmates/neighbours to see if you can arrange or join a group to drive, ride or walk with!
- 3. Try walking and wheeling on a weekend... it might be more doable than you think!



# Appendix B: Action Travel Plan - Keating Elementary

The Action Travel Plan has been grouped for consideration under three current projects in Central Saanich:

Table A: Ready Step Roll - Suggested Priority Actions

Table B: Considerations for Central Saanich Active Travel Plan

- Suggested Priority Actions for Keating Elementary Catchment

Table C: Considerations for Keating Flyover Project

- Suggested Priority Actions for Keating Elementary Catchment

Table D: Ready Step Roll – Education and Encouragement Activities

<sup>\*</sup>Suggested Actions subject to respected jurisdiction consideration, approvals and budgetary processes

**Table A:** Ready Step Roll – Suggested Priority Actions

# Ready Step Roll (RSR) Priority Actions

Engineering – Responsibility of District of Central Saanich unless otherwise noted.

Orange shading: Higher priority noted in consultation process that would encourage active transportation mode shift						
Location (prioritized by implementation impact)	Consultation Feedback	*Suggested Action	Details and Rationale			
School Zone on Central Saanich Rd	Safety concerns with current location of crosswalk:  - lack of pedestrian visibility on the bend of the road and during heavily congested drop off/pick up hours - sidewalk connecting crosswalk to school entrance is not fully accessible due to telephone pole on sidewalk - pedestrians must also cross pick-up/drop- off loop entrance	Preferred Action: Consider re-locating existing signalized crosswalk to the road straight-of-way and directly aligned with pedestrian school entrance sidewalk (adjacent to the pick-up/drop-off loop entrance)  Consider installing an improved pedestrian barrier along sidewalk on west side of Central Saanich Rd south of Saanich Cross Road to relocated signalized crosswalk  Alternative Action: Consider leaving existing pedestrian activated light at current location, create pedestrian cut-through across the staff parking lot to align with existing painted pedestrian crossing at school entrance. Consider addition of secondary marked crosswalk near Moore Pl.  Continue work on securing crossing	Preferred Action would:  ✓ improve sightlines for vehicles of pedestrians waiting by or walking on crosswalk  ✓ improve sightlines for pedestrians of oncoming vehicles  ✓ eliminate current sidewalk accessibly barrier  ✓ reduce pedestrians crossing of the pick-up/drop-off loop entrance  ✓ enable school to encourage use of Drive-to-5 site on Cooperidge Dr, encouraging active transportation  ✓ serve all residents on west side of Central Saanich Rd north of Keating Cross Rd  Alternative Action would:  ✓ cost effective for municipality  × create cost item for SD61  × result in loss of on-site staff parking spots  Difficulty filling position			
	Crossing Guard	guard for crosswalk – suggest advertising position to seniors (i.e. recreation center, senior associations)				

<sup>\*</sup>Suggested Actions subject to respected jurisdiction consideration, approvals and budgetary processes

# Ready Step Roll (RSR) Priority Actions

Engineering – Responsibility of District of Central Saanich unless otherwise noted.

Orange shading: Higher priority noted in consultation process that would encourage active transportation mode shift

Location (prioritized by implementation impact)	Consultation Feedback	*Suggested Action	Details and Rationale
(Continued) School Zone on Central Saanich Rd	Need for increased visibility of School Zone to encourage drivers to follow speed limit and be aware that it is a high pedestrian area.	Preferred Actions: Consider applying (preferred high visibly paint) "school zone" on Central Saanich Rd and East Saanich Rd. COMPLETED 2020  Consider installing digital speed reader at both ends of school zone  Consider installing fluorescent strips to existing posts of school zone signage	Preferred Actions:  ✓ Improves motorist awareness of school zone  ✓ Improves motorist awareness of personal vehicle speed  ✓ Supports traffic enforcement efforts  ✓ Florescent sign post strips are one time purchase with no additional maintenance costs
	Vehicle congestion from left hand turns into drop-off/pick-up loop	CRD and School Promote Drive to 5 and Walking School Bus programming to reduce congestion in school zone	<ul> <li>✓ Resources developed by CRD available at: crd.bc.ca/ready</li> <li>✓ School interested in promoting Drive-to-5 sites to decrease drop-off loop traffic volumes.</li> </ul>
	Lack of connected sidewalks	Central Saanich to evaluate high priority locations for sidewalk connections	To be considered and prioritized in Central Saanich Active Transportation Plan
Keating Cross	Trucks turning onto sidewalk	Relocate left hand turn lane stop bar on Central Saanich to Keating to increase turning radius for trucks COMPLETED Fall 2019	✓ Improved pedestrian safety at intersection
Road @	Short crossing times for pedestrians	Increase intersection crossing times for pedestrians	
Central Saanich Rd	Crossing guard leaves before school bell	Municipality and school, promote need for crossing guard resources via PAC and community newspapers	Difficult position to fill
	Vehicles failing to stop at red lights	Monitor; evaluate need for increased enforcement	Improved safety at intersection
Moore Pl	Poor visibility from parked cars during drop off/pick up	Consider installation of parking restrictions signs on north side of Moore PI. (8-9am and 2:30-3:30pm)	Improve pedestrian safety at intersection during drop off and pick up hours
Barbara Dr	Parked vehicles and overgrown vegetation limit places for pedestrians to walk	Consider restricting parking (8-9am and 2:45-4pm) where there are areas for pedestrian to walk  Request vegetation maintenance by property owners as needed where vegetation is growing on to road.	Improves pedestrian visibility & provides walking/wheeling space

<sup>\*</sup>Suggested Actions subject to respected jurisdiction consideration, approvals and budgetary processes

Table B: Considerations for Central Saanich Active Travel Plan

- Suggested Priority Actions for Keating Elementary Catchment

#### Suggested actions to be considered under **Central Saanich Active Transportation Plan** Location **Consultation Feedback** \*Suggested Action Lack of pedestrian crossings Consider installation of marked pedestrian crossings at: Styan Rd (Continued) Tanner Rd Central Saanich Rd East Saanich Rd Lack of connected sidewalks Evaluate high priority locations for sidewalk connections Central Saanich Rd Monitor; evaluate where additional traffic calming Vehicle speeds in residential areas. (Tanner Rd to Straight road with narrow shoulder measures can be added E Saanich Rd) and limited pedestrian infrastructure. Vehicle speeds Monitor; evaluate where additional traffic calming East Saanich Rd measures can be added. (Pat Bay Hwy to Lack of sidewalks and bike lanes Evaluate high priority locations for sidewalk and bike Central Saanich Rd) lane connections. Vehicle speeds on single lane narrow Monitor; evaluate whether additional traffic calming and rural road measures can be added Oldfield Rd Lack of continuous sidewalks Evaluate high priority locations for sidewalk connections Parked cars obscure pedestrian route Review parking and restrict at strategic locations to and visibility create safer pedestrian pathway Lack of continuous sidewalks Evaluate high priority locations for sidewalk connections Saanich Cross Rd Lack of continuous sidewalks Evaluate high priority locations for sidewalk connections Vehicle speeds Monitor; evaluate whether additional traffic control can be added in the form of traffic calming infrastructure Stelly's Cross Rd and enforcement Lack of vehicle compliance at several Evaluate high priority pedestrian crossing locations on marked crossings Stelly's Cross Rd for improvements and increased signalization High use crosswalk. Consider upgrading existing painted cross walk with Stelly's Cross Rd pedestrian controlled flashing light crosswalk - Would like to see it become pedestrian controlled with lights Stelly's High School - This is also a school bus location for **Keating Elementary students** Stelly's Cross Rd @ High use crosswalk with poor vehicle Consider upgrading existing painted cross walk with East Saanich Rd compliance. pedestrian controlled flashing light crosswalk Lack of crosswalks in residential Evaluate locations for pedestrian crossings which Tanner Rd streets connect cut-through, residential roads, and existing/high priority pedestrian infrastructure Poor visibility from parked cars Review parking regulations between Panaview Heights Rd and Stelly's Cross Road to better accommodate Veyaness Rd pedestrian and cyclist traffic Lack of vehicle compliance at several Evaluate high priority pedestrian crossing locations on Wallace Dr

marked crossings

Wallace Dr for improvements and increased signalization

<sup>\*</sup>Suggested Actions subject to respected jurisdiction consideration, approvals and budgetary processes

 Table C: Considerations for Keating Flyover Project

- Suggested Priority Actions for Keating Elementary Catchment

#### Suggested actions to be considered under **Keating Flyover Project Engineering** – Provincially funded project Location **Consultation Feedback Suggested Action** Incorporate mechanism/techniques to improve crosswalk Crosswalk @ High use crosswalk for residents, Central especially children and create space for waiting pedestrians and cyclists. Saanich Rd/ Vehicles failing to stop for red lights Incorporate mechanism/techniques to slow motorists **Keating Cross** Rd approaching intersection Vehicle volumes -- Keating is a high use Request revisions to existing sidewalk infrastructure to pedestrian route in an industrial area with create improved buffer between pedestrians and external traffic inputs motorists Excessive vehicle speeds. Existing speed Request additional traffic calming measures **Keating Cross** reader from Pat Bay Off Ramp towards Road Central Saanich Rd Lack of bike lanes Request to be incorporated into flyover project. Evaluate high priority locations for bike lane connections to promote connected active transportation network.

<sup>\*</sup>Suggested Actions subject to respected jurisdiction consideration, approvals and budgetary processes

**Table D:** Ready Step Roll – Education and Encouragement Activities

# CRD's Ready Step Roll program - Education and Encouragement activities

Activity/Timeline	Details	Involvement
Walk and Wheel to School Week Annually - 2 <sup>nd</sup> week of October	CRD campaign - a fun and free weeklong campaign that celebrates and encourages students and their families to choose active travel for all or part of their usual commute to school. Campaign includes events, travel tracking, resources and support for schools and parents, including information on the benefits of active travel and prizes for participation.	October 2019 – CRD hosted this event at current RSR schools  Optional Ongoing → schools may register annually at:  www.crdwalkwheel.ca
<b>Drive to 5</b> Ongoing — Parking available on Cooperidge Dr and Central Saanich Road	CRD initiative – Schools can identify nearby parking locations that are about a five-minute walk from the school. CRD Drive to 5 signs were provided to Keating in 2020 to mark these locations.  Families that must drive are encouraged to try parking at Drive to 5 sites before walking part way with their child to school. Once a child is ready to walk alone, parents are encouraged to try the "Kiss n' Go" method (drop off only) at Drive to 5 locations, to help their child further develop their sense of independence and self-confidence.	2019-20 – CRD with school and PAC to support and promote  Optional Ongoing → School and PAC
Walking School Bus  Optional initiative	CRD initiative – Walking School Buses can be held formally by the school/PAC or informally amongst neighbours. Formal Walking School Buses can find a designated location where parents can drop their kids off in a "Kiss and Go" setting, before walking to the school together. Where resources are limited, families can try to coordinate walking with their neighbours where possible to provide safety in numbers.	Optional Ongoing → School and PAG
Bike Skills Courses and Bike Rodeos	<ul> <li>CRD – coordination of Bike Skills Course in 2020</li> <li>2020 opportunity to pair with provincially funded pilot program for grades 4 &amp; 5 to improve student's cycling capabilities (in-class skills and parking lot blacktop ride)</li> <li>Greater Victoria Bike to Work Society will organize and deliver courses at schools</li> </ul>	Spring 2020 – CRD coordinated bike skills for Keating  Optional Ongoing → PAC to sponsor similar Bike Skills Course/Bike Rodeo

<sup>\*</sup>Suggested Actions subject to respected jurisdiction consideration, approvals and budgetary processes

Activity/Timeline	<b>Details</b>	Involvement
(Continued) <b>Bike to School Week</b> Annually — last week of  May	Greater Victoria Bike to Work Society program held in May that encourages everyone to commute to and from school/work by bike. Multiple celebration stations are typically set up across the region during this week.  CRD will host a Hands Up Survey during this week and will track and report cycling trips the Bike to Work Society on Keating's behalf.	Spring 2020 – CRD automatically registered Keating  Optional Ongoing → school may register annually at:
Think of Me Campaign Held as part of Ready Step Roll Program	An initiative in partnership with ICBC Traffic Safety and school police liaisons. This program teaches students K-3 safety tips to consider when walking to and from school. Students are asked to create "tickets" with a safety message that are handed out by police as part of an educational campaign.	2020 – CRD Think of Me at Keating  ICBC curriculum: <a href="https://www.icbc.com/road-safety/teaching/Pages/For-educators.aspx">https://www.icbc.com/road-safety/teaching/Pages/For-educators.aspx</a>
Action Plan Status Update Annually September	Annual update and check in on infrastructure improvements identified in the action plan that will be completed by Central Saanich municipality or School District 63 depending on budget availability and priority.	Annually in September – Municipality and SD63
PAC - Active Transportation Committee Optional Initiative	Encourage PAC to identify Active Transportation Lead/Committee to support Keating Active Transportation initiatives in future years.	TBD - CRD to create guiding resource  Optional Ongoing → PAC

<sup>\*</sup>Suggested Actions subject to respected jurisdiction consideration, approvals and budgetary processes



# Consultation Data Active School Travel Report École Keating Elementary 2019/20

Key consultation findings are presented in the Active School Travel Report–École Keating Elementary 2019/20.

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 Monday May 13 – Thursday May 17 2019. The anticipated Spring "Hands Up Survey" was cancelled das schools were not in session due to Covid-19.

# B. Online Baseline Parent Travel Survey – Data

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 13 – June 16, 2019.

# C. School Neighbourhood 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 Keating Walkabout took place on September 25, 2019, from 7:30am – 9:30am



# A. Student Hands Up Survey

Date conducted: Monday May 13 – Friday May 18, 2019

Total students trips counted: 2582

How did you travel to and from school today?

Mode To/From	TO	FROM	Total
Bike	6.6%	7.1%	6.9%
Car	66.0%	60.7%	63.4%
Carpool	2.5%	3.7%	3.1%
Public Transit	0.1%	1.0%	0.5%
Roll	0.1%	0.0%	0.0%
School Bus	8.2%	11.3%	9.7%
Walk	10.0%	10.3%	10.1%
Walk part-way	6.6%	5.9%	6.2%
Total	100.0%	100.0%	100.0%

By Grade

0) 01000								
Mode By Grade	K	1	1/2	2	2/3	3	4/5	Total
Bike	0.8%	3.8%	4.4%	1.4%	3.8%	0.6%	15.9%	6.9%
Car	76.5%	68.3%	56.0%	83.5%	50.4%	57.9%	52.7%	63.4%
Carpool	2.1%	4.2%	2.5%	4.2%	5.3%	0.6%	3.3%	3.1%
Public Transit	0.2%	0.3%	1.5%	0.0%	6.0%	0.0%	0.0%	0.5%
Roll	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
School Bus	7.6%	6.4%	5.5%	3.9%	2.3%	11.1%	16.2%	9.7%
Walk	6.5%	9.6%	19.3%	5.3%	26.3%	8.8%	8.9%	10.1%
Walk part-way	6.3%	7.1%	10.9%	1.8%	6.0%	21.1%	3.1%	6.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

By Day

Mode By Day	Mon	Tues	Wed	Thurs	Fri	Total
Bike	0.0%	5.4%	8.0%	7.7%	6.5%	6.89%
Car	0.0%	64.5%	64.5%	61.4%	63.1%	63.36%
Carpool	0.0%	2.8%	3.4%	3.6%	2.6%	3.10%
Public Transit	0.0%	0.5%	0.5%	0.5%	0.8%	0.54%
Roll	0.0%	0.0%	0.0%	0.2%	0.0%	0.04%
School Bus	0.0%	9.4%	10.0%	8.7%	10.9%	9.72%
Walk	0.0%	10.6%	7.4%	11.6%	10.7%	10.11%
Walk part-way	0.0%	6.9%	6.3%	6.3%	5.4%	6.24%
Total	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%



# B. Online Parent Survey

Date conducted: Monday, May 13 – Sunday, June 16, 2020

Total number of surveys received: 237

"How far away does the student live from school?"

Distance	Count of How far away from the school does the student live?
Less than 0.5 km	12.7%
0.5 to 1.5 km	21.7%
1.6 to 3 km	14.5%
3.1 to 5 km	29.5%
Over 5 km	21.7%
Grand Total	100.0%

"How far away does the student live from school>" (Sorted by travel mode)

	Less than 0.5 km	0.5 to 1.5 km	1.6 to 3 km	3.1 to 5 km	Over 5 km	Grand Total
Active Travel						
Bicycle	0.0%	2.8%	0.0%	0.0%	0.0%	0.6%
School bus	0.0%	8.3%	4.2%	24.5%	13.9%	12.7%
Walk part of the way (at least one entire block)	0.0%	8.3%	12.5%	2.0%	0.0%	4.2%
Walk the whole way	71.4%	13.9%	4.2%	0.0%	0.0%	12.7%
Car						
Car (just your family)	28.6%	66.7%	79.2%	67.3%	77.8%	66.3%
Carpool (two or more families sharing)	0.0%	0.0%	0.0%	6.1%	8.3%	3.6%
Grand Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

"How does your child(ren) usually travel TO school?"

	Count of Mode To School
Active Travel	
Bicycle	0.6%
School bus	12.7%
Walk part of the way (at least one entire block)	4.2%
Walk the whole way	12.7%
Car	
Car (just your family)	66.3%
Carpool (two or more families sharing)	3.6%
Grand Total	100.0%

# Appendix C – Consultation Data Active School Travel Report – École Keating Elementary School 2019/20

"How does your child(ren) usually travel FROM school?"

	Count of Mode From School
Active Travel	
Bicycle	0.6%
School bus	16.9%
Walk part of the way (at least one entire block)	3.6%
Walk the whole way	15.7%
Other	1.2%
Car	
Car (just your family)	56.6%
Carpool (two or more families sharing)	5.4%
Grand Total	100.0%

"How would you prefer to travel to school?"

Preferred Mode	Count of Refereed Mode
Bicycle	23.0%
Car (just your family)	17.0%
Carpool (two or more familes)	3.6%
School bus	24.8%
Scooter/skate	0.6%
Walk part of the way (at least one entire block)	6.7%
Walk the whole way	24.2%
Grand Total	100.0%

Why do you currently drive to/from school?"

Reasons Driven To School	Count
Sum of ReasonDriven_Distance from home is too far	66
Sum of ReasonDriven_Convenience/time pressures	55
Sum of ReasonDriven_Traffic danger/concerns	62
Sum of ReasonDriven_Weather	6
Sum of ReasonDriven_Lack of equipment (e.g. bicycle)	0
Sum of ReasonDriven_Personal safety concerns	20
Sum of ReasonDriven_Lack of interest in walking/wheeling	2
Sum of ReasonDriven_Age of student	53
Sum of ReasonDriven_Physical disability or health limitations (self or child)	2

"What would encourage you to let your child(ren) walk to/from school?"

Would encourage walking if	Count
Sum of EncourageWalk_Continuous sidewalks/trails	102
Sum of EncourageWalk_Lower vehicle speeds	28
Sum of EncourageWalk_Lower vehicle traffic volumes	56
Sum of EncourageWalk_Additional marked crossings	27
Sum of EncourageWalk_Increased lighting	6



# Appendix C – Consultation Data Active School Travel Report – École Keating Elementary School 2019/20

"What would encourage you to let your child(ren) bike to/from school?"

Would encourage biking if	Count
Sum of EncourageBike_Connected bicycle infrastructure	88
Sum of EncourageBike_Lower vehicle speeds	26
Sum of EncourageBike_Less vehicle traffic	56
Sum of EncourageBike_More street crossing for bikes	30
Sum of EncourageBike_More lighting	5
Sum of EncourageBike_Secure/covered bike parking at the school	17
Sum of EncourageBike_Better cycling skill/capability of my child	30

"What would encourage you to let your child(ren) walk & wheel to/from school?"

I will encourage walk and wheel by	Count
Sum of WillEncourage_Identifying the most appropriate routes	79
Sum of WillEncourage_Ensuring my child's bike is in good working condition	59
Sum of WillEncourage_Making sure my child has clothing to walk or ride in the rain	61
Sum of WillEncourage_Practicing walking or biking with my child to school on a weekend	87
Sum of WillEncourage_Parking five minutes away from school and walking the rest of the way	57
Sum of WillEncourage_Volunteering to organize events such as a Walk to School celebration	16
Sum of WillEncourage_Registering for a bike skills course	45

"What motivates you to use active travel?"

What Motivates me to AT	Count
Sum of Motivates_Getting physical activity/exercise	135
Sum of Motivates_Environmental benefits	83
Sum of Motivates_Saving time	14
Sum of Motivates_Safer than driving	7
Sum of Motivates_More convenient than driving	24
Sum of Motivates_More fun than driving	67
Sum of Motivates_Cheaper than driving	47
Sum of Motivates_Setting a good example	102
Sum of Motivates_Not having to worry about parking	69
Sum of Motivates_Spending time outside	115
Sum of Motivates_Spending time with other people	48

Does your child own a suitable bike?

	Count of Suitable Bike Child
No	11.45%
Yes	88.55%
Grand Total	100.00%

Do you (the parent) own a suitable bike?

	Count of Suitable Bike Child
No	13.86%
Yes	86.14%
Grand Total	100.00%



# Appendix C – Consultation Data Active School Travel Report – École Keating Elementary School 2019/20

#### "Would you allow your child to walk or bike to/from school?"

Row Labels	Count of Allow Walk/Bike
Haven't considered it	8.43%
No	33.73%
Yes	57.83%
Grand Total	100.00%

#### Distribution of travel modes in students in grades K-5

Grade by Mode	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Total
Active Travel							
Bicycle	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%
School bus Walk part of the way (at least one entire	7.14%	0.00%	20.00%	9.68%	12.50%	36.84%	0.00%
block)	0.00%	0.00%	15.00%	3.23%	6.25%	5.26%	0.00%
Walk the whole way	9.52%	19.05%	10.00%	19.35%	12.50%	5.26%	0.00%
Car							
Car (just your family)	78.57%	76.19%	50.00%	61.29%	68.75%	47.37%	100.00%
Carpool (two or more families sharing)	4.76%	4.76%	5.00%	6.45%	0.00%	0.00%	0.00%
Grand Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

#### Distribution of travel modes across genders

Mode by Gender	Female	Male	Grand Total
Active Travel			
Bicycle	0.00%	1.37%	0.60%
School bus	10.75%	15.07%	12.65%
Walk part of the way (at least one entire block)	5.38%	2.74%	4.22%
Walk the whole way	16.13%	8.22%	12.65%
Car			
Car (just your family)	65.59%	67.12%	66.27%
Carpool (two or more families sharing)	2.15%	5.48%	3.61%
Grand Total	100.00%	100.00%	100.00%

# Distribution of travel modes used by students compared to distance travelled to/from school

Mode to School								
		Public		Walk part of the	Walk the whole			Grand
Distance	Bicycle	transit	Scooter/skate	way	way	Car	Carpool	Total
Less than 0.5 km	10.26%	0.00%	5.13%	7.69%	74.36%	2.56%	0.00%	100.00%
0.5 to 1.5 km	13.04%	0.00%	0.00%	4.35%	62.32%	17.39%	2.90%	100.00%
1.6 to 3 km	0.00%	13.33%	0.00%	6.67%	26.67%	46.67%	6.67%	100.00%
3.1 to 5 km	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
Over 5 km	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
Grand Total	10.00%	1.54%	1.54%	5.38%	58.46%	20.77%	2.31%	100.00%



Safety concerns sited regarding route to/from school at top three locations (Edited for privacy)

#### **Keating**

#### Locations:

#### Central Saanich Rd (62)

- Full extent: Vehicle speed (10), truck traffic (5), no sidewalk (3), vehicle volumes (2), trucks turning onto sidewalk, vehicles parked on roadway, vehicles not stopping at crosswalk, request for crosswalk
- School zone vehicle volumes (8), truck traffic (6), vehicle speed (4), request for additional crosswalk
   (2), request for crossing guard (2), narrow/minimal sidewalk (2), cars parked on roadway, poor visibility, no bike lane on west side (2)
- At Moore Request for crosswalk (3)
- o Between Tanner and school (2) Narrow sidewalks, cars parked on roadway, vehicle speed
- At Copperidge Vehicle volume and speed
- Keating X Vehicle volume (2), vehicle speed (2), truck traffic, trucks turning onto sidewalk, request for crossing guard (2)
- o Between Keating X and school Vehicle speed, truck traffic, reduce speed limit
- Between Tanner and Keating X No sidewalk (2)
- At Mount Newton X Unsafe crossing (2), vehicle volume, request for lights at crosswalk, request for crosswalk
- Between Mt Newton X and East Saanich No sidewalk or shoulder
- South of Mt Newton X- No bike lane
- East Saanich Rd Vehicle speed (5), poor visibility (2), no sidewalk (2), vehicle volume, trucks, request for lights at crosswalk, vehicles not stopping at crosswalk
- Between Styan and Keating X No continuous sidewalk (3), no continuous bike lane (2)

#### Keating X (48)

- Whole extent Vehicle volume (9), truck traffic (8), vehicle speed (4), no continuous sidewalk (5), no bike lane (including separated) (7), narrow roadway (2)
- At Central Saanich Rd Vehicle speed (10), truck traffic (8), vehicle volume (7), vehicles running red lights (4), request for crossing guard (longer time) (2), unsafe (2)poor sidewalks, short pedestrian signal
- At East Saanich Rd Vehicle speed, vehicle volume, truck traffic
- o Between Oldfield and East Saanich Vehicle volume
- Old Mt Newton school No continuous sidewalk, no bike lane, lack of lighting
- Between West Saanich and Central Saanich Rd Vehicle volume (2), truck traffic (2), no continuous/poor sidewalk, no bike lane, narrow
- Municipal works yard to Central Saanich Truck traffic, narrow
- Beuno Vista to Central Saanich No bike lanes

#### East Saanich Rd (24)

- Whole extent Vehicle speed (3), vehicle volumes (3), no bike lanes (2), incomplete sidewalks (2)
- At Mt Newton X Vehicles not stopping at crosswalk, request for pedestrian controlled light
- At Saanich X No sidewalk (4), no crosswalk (4), no bike lanes, trucks (2), unsafe intersection for pedestrians (2), vehicle volume, vehicle speeding, trucks, vehicles not stopping, request for pedestrian controlled light
- At Stellys X Speeding
- o At Veyaness Truck traffic, awkward corner



- o Between Stellys X and Central Saanich Vehicle volume and speed
- Stelly's X (12) no sidewalk (3), vehicle speed (3), no bike lane (2)
  - At Wallace Traffic volume, impatient drivers
  - At Veyaness no crosswalk, unsafe for kids to cross, vehicle volumes
  - Between Wallace and East Saanich Too narrow to bike, unsafe sidewalks (driveways)
  - Top of Stelly's X to Stelly's High School Lack of lighting, no flashing light crosswalks, drivers do not stop at crosswalk at Stelly's high school, vehicle speeds, no sidewalks
- Wallace (8) Lack of sidewalk space, lack of lighting, narrow, vehicle speed, no bike lane (opportunity to connect the Interurban Trail to Bayside)
  - At Mt Newton Drivers don't look for pedestrians
  - Between Benvenuto and Bayside School No shoulder for bike lane on south side (kids ride/walk on wrong side which is dangerous), no sidewalk from Bayside to Hagan
  - Between West Saanich and start of sidewalk No bike lane, vehicle volume, vehicle speed, poor lighting
  - o At Prosser Vehicle volume, crosswalk is not lit, cars don't stop at crosswalk
  - o Between Bayside Middle and Greig No bike lane, no sidewalk, poor visibility around corner
- School (7) Traffic volume and congestion, truck traffic (3), limited visibility in parking lot, too many turning movements, vehicle speeds (2), no police presence, parking lot entry/exit is dangerous for kids cycling
- Tanner (7) No sidewalk (2), vehicle speed (2), limited crosswalks, poor lighting
  - At Central Saanich vehicle speeds
  - Near Robin Way and Rodolph no crosswalk (2), request for crosswalk with flashing lights (blind spots)
  - Central Saanich to Keating Rd Inconsistent/poor sidewalk, vehicle speed
- Saanich X Rd (5) No sidewalk (3), vehicle volume (3), no/poor bike lane (3), vehicle speed (3), narrow, truck traffic (2), no shoulder, big hill (2)
- Benvenuto (5) no sidewalk or bike lanes (5), traffic volume and speeds including busses (2), narrow road (2)
- West Saanich (5) vehicle volume, no bike lane, vehicle speed
  - Between Marchant and Keating X no sidewalk
  - Wallace to Keating X narrow, no bike lane (2), unsafe for pedestrians and cyclists
- Oldfield (5) No bike lane (2), no shoulder (3), vehicle speed (3), vehicle volume, sidewalks are narrowed with telephone poles
- Moore (4) No sidewalk (3), no bike lanes, cars parking on roadway and too close to stop sign, used for drop-off/pick-up
- Veyaness (3) no sidewalks (2), cars parked on roadway, vehicle speeds
- Island View (3) Traffic volumes
  - At Saanich X Rd Unsafe crossing for pedestrians and cyclists, low visibility
  - At East Saanich Rd No sidewalk, no crosswalk, vehicles (business) parking on the roadway
- Barbara Dr (2) Parked cars and large hedges decrease visibility, vehicle speed, at Barbara Pl (narrow corner)
- Pat Bay Hwy (2) Crosswalk is not very visible, major highway
- **Buena Vista (2)** No sidewalks (2), at Keating Cross Rd (vehicle speed)
- **Bella Vista** Traffic speed
- Cultura Ave No sidewalk
- **Eastgate PI** good to walk to school but too busy with parents using it for drop-off and pick-up, request for sidewalks and 'residential parking' signs
- Interurban Vehicle speed, no bike facilities (could be continuation of Galloping Goose0
  - o at Quayle request for crosswalk
- Old West Saanich Rd Narrow, no bike lane, vehicle speed



- Rodolph Blind corner near Anndon Pl, vehicle speed around the corner, unsafe for pedestrians and cyclists
- **Sparton** No bike lane

General comments regarding challenges and opportunities for active transportation at Rogers: (Edited for privacy)

- Distance too far (including those in French Immersion) (9)
- Truck traffic (9) change truck routes, unsafe for children walking/biking
- Age of children too young (7), especially unaccompanied
- School parking and access is difficult (6) poor pathways, lack of parking
- No sidewalks/inconsistent (5)
- Bike lanes (5), separated paths (4)
- Vehicle volumes and speeds (4)
- Would like to bike but no safe routes (4)
- More parents drive because they have to work after dropping kids off (3)
- Need trail system for safe cycling from Brentwood Bay/C. Saanich (3)
- Not enough lighting (2)
- Bike racks near front of school would be more accessible and secure (2)
- Have drop-off-and-walk spots would be great but need safe routes and crossing guards (2)
- Request for digital speed signs at both sides of the schools zone; supplement with police presence (2)
- Request for walking school bus or bike group children are too young to travel without an adult; connect parents (2)
- Narrow roads that are not in good shape
- Too much construction
- Request for more crosswalks with flashing lights
- Child needs to be signed into 'out of school' care
- Need safer routes in rural areas
- Request for interchange at Keating Cross Rd
- School zone is very busy with traffic
- We walk everyday but still need to jaywalk and dodge traffic. Many Keating families on our block, but we are the only ones that walk. Lack of sidewalks and crosswalks are part of the issue.
- Schedule limits and time needed to teach bike skills to child. Interested in a bike train two adults accompany a group of riders so they are visible and accompanied
- Lower speed limits
- Would like my daughter to ride to school when she is older
- Request for more fencing between the play areas at the school and the road
- Child with disabilities requires direct transfer to the next caregiver
- Crosswalk in front to the main driveway no crossing guard, poor sightlines
- Request for cycling/walking route that connects Keating to Lochside Trail
- Time constraints
- Hills are a barrier
- Most unsafe part of the commute is the school
- Make route to Keating through Blossom Park and along back roads (continuous sidewalks and marked crossings)



- Large catchment
- Traffic around the school is too dangerous for me to let my child bike to/from school
- Sidewalk with bike lanes/shoulders should be mandatory within 2km of the school
- Drive because there is no other option

#### School bus:

- o Take the bus because distance to the school is too far
- More options for morning bus routes (currently 1 hour earlier than driving)
- o Bayside school to Keating school bus has been excellent to cut down on need to drive
- o not many students take the bus; barriers: bus isn't marketed as an option, difficult to understand schedule, policies and procedures for catching the bus and letting kids off are not clear
- o Inadequate busses from south end of Saanich to Keating, Bayside and Stelly's.
- SD doesn't have a mandate to provide school bus service for French Immersion (re: routes and prioritizing catchment kids) (2)
- Takes over an hour vs 10 min drive
- o Concern about middle and high schools kids on bus on their phones
- Commute is too long
- Difficult access in/out of parking lot



# C. School Neighbourhood Walkabout

Date conducted: September 25, 2019 (7:30-9:30 am)

Total number participated: 11

Attendees: Steve Macgregor (Keating Administration), Philip Jungen (Keating Administration), Glen Davies (Central Saanich Police), Collen Woodger (ICBC), Gord Bridges (SD63), Brian Barnett (Central Saanich Engineering), Parent Representative, Jay Douillard (CRD), and Colby Heddon (CRD)

#### Walkabout Discussion Point 1: Central Saanich Rd Crossing and School Drop Off Area

**Existing Infrastructure:** 

- Pedestrian Activated Crossing
- Morning supervisor monitors drop off area to prevent congestion
- Marked crosswalk at entrance of drop off loop

#### Issues Identified:

- Pedestrian activated crossing offers some visibility for users but congestion severely limited visibility during drop off and pick up hours
- Pedestrian flow is awkward existing crosswalk does not align with crosswalk at drop off loop, which has blind spots and poor right of way indications for
  pedestrians and drivers entering school drop off area

#### **Potential Solutions:**

- Paint drop off loop entrance with yellow hashing to indicate a "No Stopping Zone"
  - o Alleviates traffic congestion at entrance
  - o Improves visibility at drop off crosswalk
  - Easy to implement
- Crossing Guard at Crosswalk in front of school
  - Improves safety for pedestrians
  - Barrier: limited staffing, currently no confirmed staffing available
- Flag Bucket Crossing
  - Have two buckets with visi-flags on either side of cross walk. Pedestrians carry these for additional visibility when crossing during busy hours.
  - o Barrier: determining responsibilities/logistics for stowing/putting out flag bucket daily
- Realign pedestrian traffic through staff parking lot by opening fence
  - Eliminates need to use drop off cross walk
  - Minimizes congestion at entrance point of drop off area
  - o Fairly easy to implement
  - o Barrier: loses two staff parking spots in front school parking lot

#### Walkabout Discussion Point 2: Central Saanich Rd at Keating X Road

Existing Infrastructure/mitigation efforts:

- Crossing guard in place each morning
- Light controlled intersection with marked crosswalks

#### Issues Identified:

- Large vehicles cannot perform safe turning maneuvers when intersection is busy
- Lack of paint on crosswalk markings
- Crossing time too short for pedestrians (especially when crossing Keating X Rd)
- Lack of accessible ramps for pedestrians using accessible scooters/wheelchairs and for cyclists

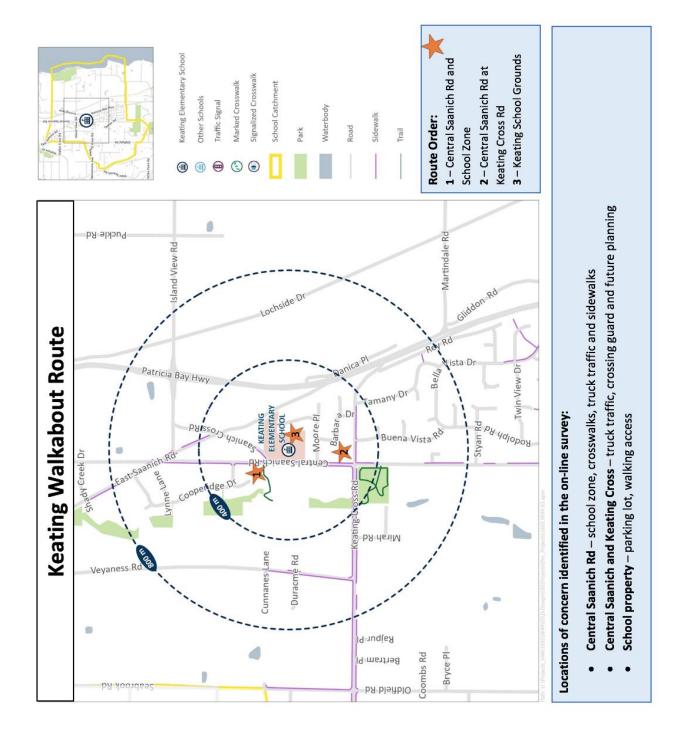
Potential Solutions -- \* Keating X Rd Intersection will be incorporated into the Provincial Keating Flyover Plan

- Short term:
  - $\circ \qquad \text{Pull back left turn lane from Central Saanich Rd turning onto Keating X Rd to allow for safe truck traffic turns}\\$
  - o Update paint markings for pedestrian crosswalks
  - Education/paint markings for pedestrians to encourage pedestrians to stand away from side of road when waiting to cross
  - o Update crossing times/signal times at intersection
- Long term:
  - o Fix accessibility issues for pedestrians using intersection
  - Speed Reader/Better signage indicating pedestrian use/school zones for drivers
  - Redesign traffic flow to reduce truck traffic/routes through school areas

#### **Additional Issues and Discussion Points**

- Implement and Encourage Use of Drive to 5 along Cooperridge Drive
  - Mitigate traffic congestion during drop off/pick up;, many parents already opting to park and walk in
  - o Education piece could be in form of newsletter/PAC
- School Zone Infrastructure speed reader installation along Central Saanich Rd.
  - cost is high, potential for this to be big ticket item support already in place some mornings with Central Saanich Police Patrolling/Enforcement





# The 6 E's of Active School Travel

Appendix D: Online Resources for School Communities





# WHAT ARE THE 6 E'S OF ACTIVE SCHOOL TRAVEL PLANNING?



# **EQUITY**

Ensures that the RSR program is benefiting all regional demographics groups, with particular attention to ensuring safe, healthy, and fair outcomes for all students of diverse family, cultural, socio-economic backgrounds, abilities and identities.



# **EVALUATION**

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



#### **ENGINEERING**

Make physical improvements to the streetscape and built environment to improve the walk-ability and wheel-ability of a given area, with a focus on the immediate school-neighbourhood, common/high-use routes, and on school property.



# **ENFORCEMENT**

Increase awareness and compliance of traffic laws, parking regulations, drop-off/pick-up guidelines and personal safety with a focus on the immediate school-neighbourhood and on school property.



#### **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 or wheel to and from school.



#### **ENCOURAGMENT**

Support continued participation by promoting walking and wheeling to students and families as a fun, easy, practical, and inclusive way to get to and from school.

# THE 6 E'S APPROACH TO ACTIVE SCHOOL TRAVEL PLANNING



The 6 E's of Active School Travel Planning – Resources for School Communities is an <u>online resource</u> 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 6 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 though the Ready Step Roll webpage to support school community equity, education, and encouragement 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

6 E's approach to active travel

with tips, tools and ideas to support active travel at your school!

#### 6 E's of Active Travel

The 6 E's of active travel describes the multi-faceted approach used by Ready Step Roll to build capacity within school communities after they have completed the program. The resources below have been developed as part of the Ready Step Roll program, but all resources have been made available for public use in all regional school communities.

Education Equity Evaluation Engineering Enforcement Encouragement

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.
- 2. 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.
- 3. 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.
- 4. 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!
- 5. 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.
- 6. ICBC Road Safety Resources for Teachers

Equity »