
SCHOOL TRAVEL PLAN

École Banting Middle School



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School Travel Planning in the City of Coquitlam

The purpose of this report is to 1) outline the need for sustainable active school transportation at École Banting Middle School; 2) determine the barriers to active transportation, which are defined as walking, cycling and the use of transit for trips to and from school; and 3) develop a School Travel Plan, which includes an Action Plan describing infrastructure improvements as well as education and encouragement measures aimed at decreasing the number of car trips and increasing the number students using active modes of transportation. Baseline and follow-up surveys were conducted, including a school walkabout, to learn the transportation habits of, and to assess barriers and concerns for École Banting Middle School and its community.

Background

The City of Coquitlam initiated a partnership with TransLink and co-funded the TravelSmart program in 2014 to promote sustainable and active transportation.

As part of the 2014- 2018 capital budget deliberations, Council initiated a multi-year program called Middle School Walk-Bike Ability. The goal of the program was the improvement of the walking and cycling environment around middle schools to facilitate and encourage active transportation for Coquitlam students. The promotion of active and sustainable transportation is a key goal of Coquitlam's Strategic Transportation Plan as approved by Council.

There are two phases to the program:

Scale

The scale of the program targets eight Middle Schools. Banting Middle School began the School Travel Planning process in September 2014 and completed the process in January 2016.

There are two phases to the program:

Phase 1:

Part 1: Needs Assessment - engaging students, parents and school administrators in the process of developing a School Travel

National Active & Safe Routes to School

www.saferoutestoschool.ca/school-travel-planning

HASTE

www.hastebc.org

City of Coquitlam

www.coquitlam.ca/city-services/roads-and-transportation/overview.aspx

TransLink/TravelSmart

www.travelsmart.ca

Plan - Action Plan to help identify potential barriers to walking, cycling and the use of transit to and from the schools, leading to the identification of potential packages of infrastructure improvements.

Part 2: Outreach – education and promotion for students, teachers, school administrators and parents about the different travel options for getting to and from school.

Phase 2:

In 2015, representatives from the City of Coquitlam, School District, parents, TransLink’s TravelSmart program, HASTE, ICBC, Fraser Health, and HUB Cycling participated in a series of walkabouts with the purpose of identifying key travel issues and developing an action plan that includes infrastructure and traffic operational improvements.

School Travel Planning

School Travel Planning (STP) is a community-based planning process that has been used with success to date in communities across Canada to increase the number of families choosing active transportation modes to get to and from school. School Travel Planning uses a collaborative approach, working to involve all relevant stakeholders and enable communities to tackle the root causes of their school's transportation challenges and take action on realistic and attainable solutions to address these barriers.

School Travel Planning combines transportation demand management principles with school engagement activities to encourage more active and sustainable school travel. The process is designed to address both attitudinal and infrastructural barriers in an effort to improve the health and well-being of individuals, communities, and the environment while decreasing traffic congestion around schools.

Key benefits of School Travel Planning are:

- Improved health and fitness of students
- Reduction in traffic congestion
- Improved traffic safety
- Reduction in pollution
- Improved air quality

HASTe, the Hub for Active School travel, provides professional services for the implementation of the STP process for the City of Coquitlam. HASTe has been implementing School Travel Planning since 2009, and is part of the Canadian Active & Safe Routes to School Partnership.

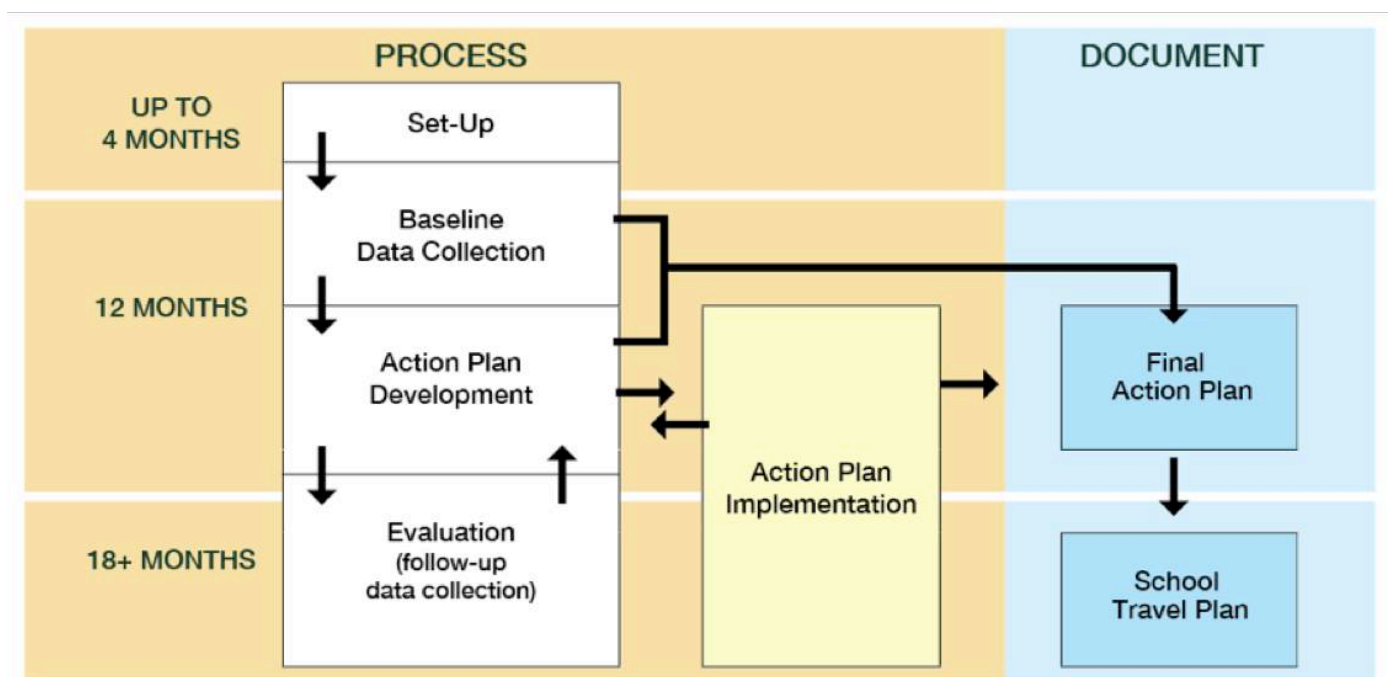
About the School Travel Plan

The School Travel Plan is the final delivery component of the School Travel Planning process. It is a living document belonging to the school. It can be revisited regularly in order to update the status of Action Plan items and/or incorporate future evaluation findings.

Recommendations

Recommendations for increasing participation in sustainable active transportation include engaging students, parents and school administrators in the process to develop a School Travel Plan and Action Plan; including the identification of potential infrastructure improvements; and educating students, teachers, school administrators and parents about the different options of getting to and from school.

▼ School Travel Planning Process



About École Banting Middle School

École Banting Middle School (hereinafter: Banting) is a part of School District 43 and is located at 820 Banting St. in Coquitlam West. The school neighbourhood has a WalkScore of 48/100, a transit score of 48/100, and a bike score of 38/100. Each score is a measure of neighbourhood accessibility and often an indicator of community health and well-being (walkscore.com).

Banting is a dual track school, which has English, Early French Immersion and Late French Immersion programs. The school has a student population of 518 (Fall 2015) in grades 6-8. The catchment area is comprised of mostly single-family homes and due to the select programs of choice, families often travel from out-of-catchment to school, according to family-take home surveys. The catchment boundary is outlined in the Best Routes to School Map, which can be found within the Implementation section.

There are 54 staff parking spaces, 2 handicapped spaces, and a small amount of street parking on Raynor St. and Elice Ave. near the school. There are 4 bike racks located at the front of the school with storage for approximately 20 bikes.

In the summer of 2016, Banting started undergoing the construction of a new school as part of the Seismic Mitigation Program. Originally opened in 1963, replacement of the school was approved as being a more cost effective option than seismically upgrading and retrofitting the older building. School construction started in July 2016 with a projected completion date of June 2018.

HASTe was able to consult with Binnie & Associates Ltd. who were contracted to provide civil design services as part of the proposed replacement. In particular, HASTe was able to share school travel data that was collected through the survey process.



Data Collection Methodology

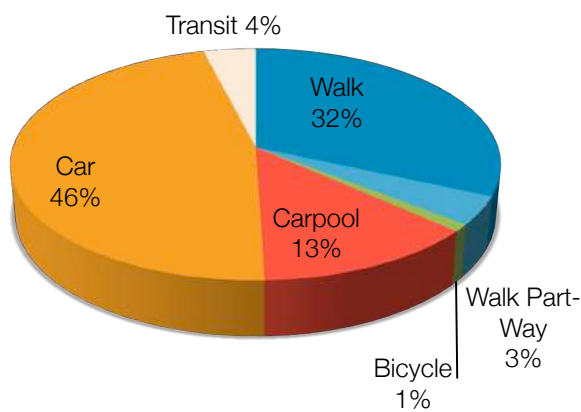
School travel data was collected using a variety of methods:

- Student hands-up baseline surveys
- Student hands-up follow-up surveys
- Family take-home baseline surveys
- Family take-home follow-up surveys
- School travel walkabout

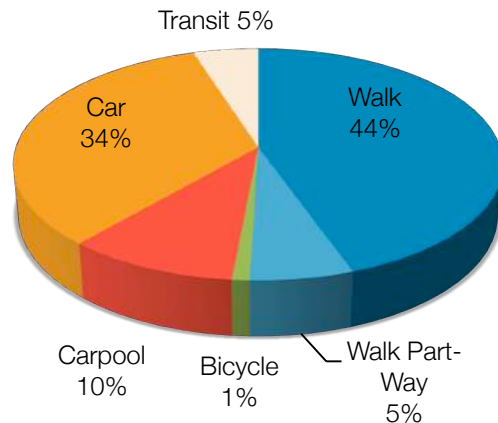
Hands-Up Baseline Data Collection

Baseline hands-up surveys and family take-home survey were conducted in January 2015. Nineteen divisions from grades 6-8 participated in the hands-up survey process. Classroom teachers recorded travel mode daily over a one-week period. Results of this survey can be found below.

Hands-Up Baseline Survey Results



▲ Travel mode TO school (Jan. 2015)



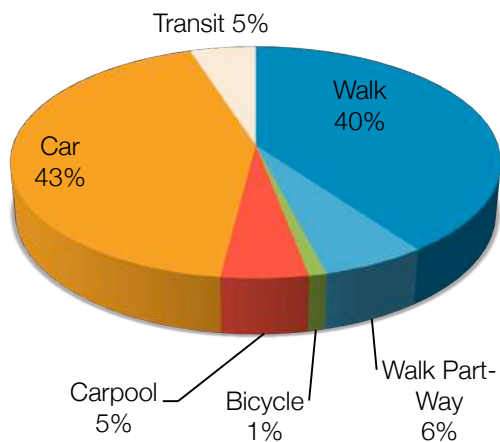
▲ Travel mode FROM school (Jan. 2015)

Family Survey Baseline Data Collection

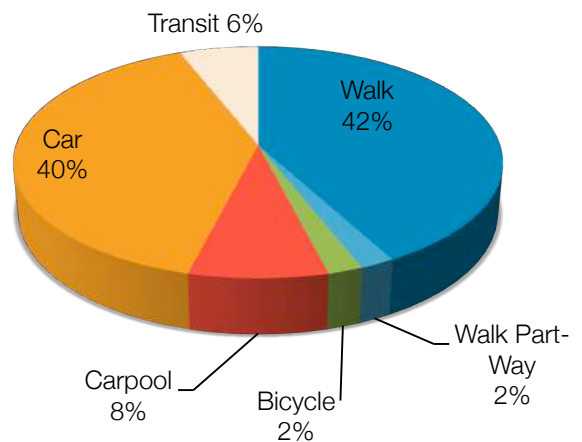
In January 2015, students were sent home with a family take-home survey. Families were to complete and return the survey to school within one week. For a copy of the baseline family survey, please see Appendix A.

At Banting, 87 out of 518 families (17%) completed the survey. 97% of these families support School Travel Planning efforts at the school. Other notable findings are presented below.

Family Baseline Survey Results



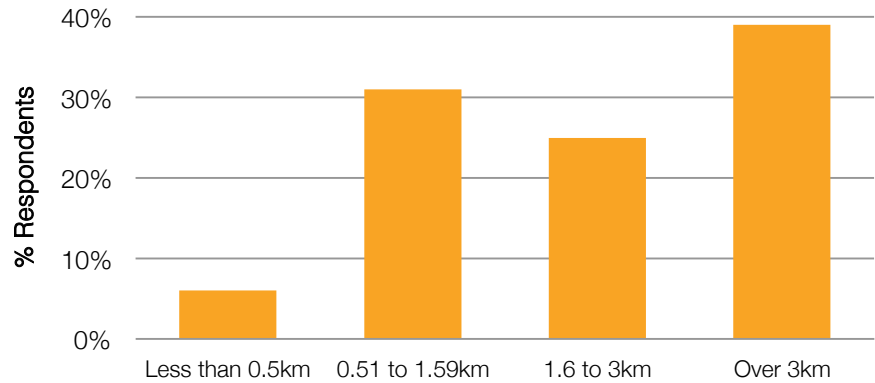
▲ Travel mode TO school (Jan. 2015)



▲ Travel mode FROM school (Jan. 2015)

Distance to School

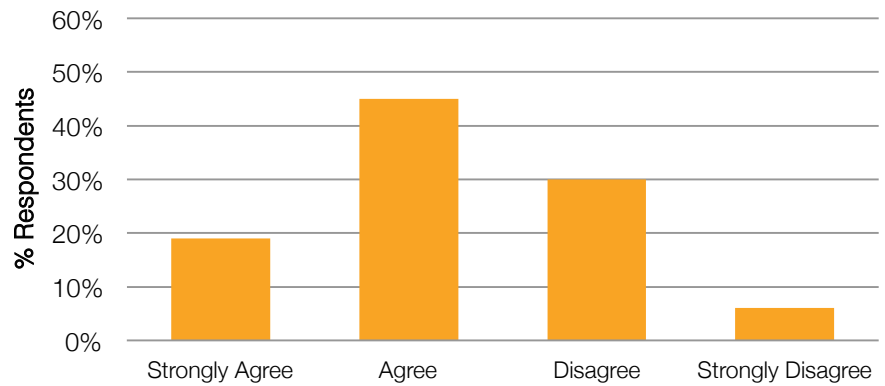
64% of families live farther than 1.6km of the school. 37% live within 1.6km, which is less than a 15 minute walk for most children.



▲ How far away do you live from school?

Walking & Cycling Safety

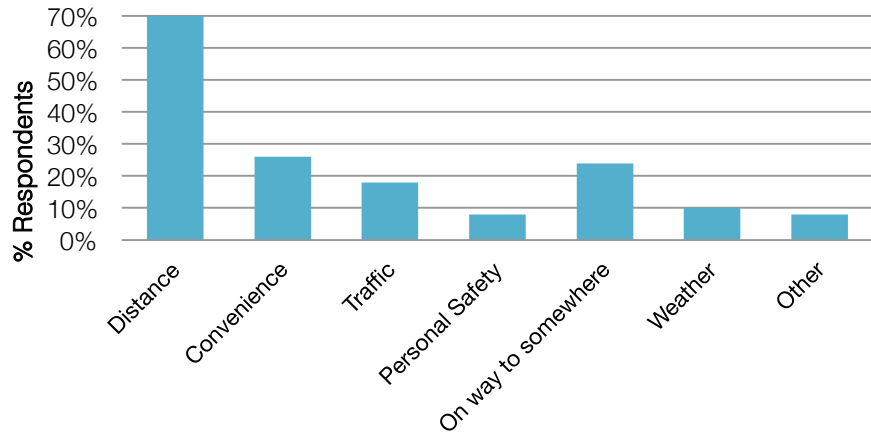
64% strongly agree or agree that their neighbourhood is safe for children to walk or cycle to school. 36% disagree or strongly disagree.



▲ Our neighbourhood is safe for children

Reasons for Driving

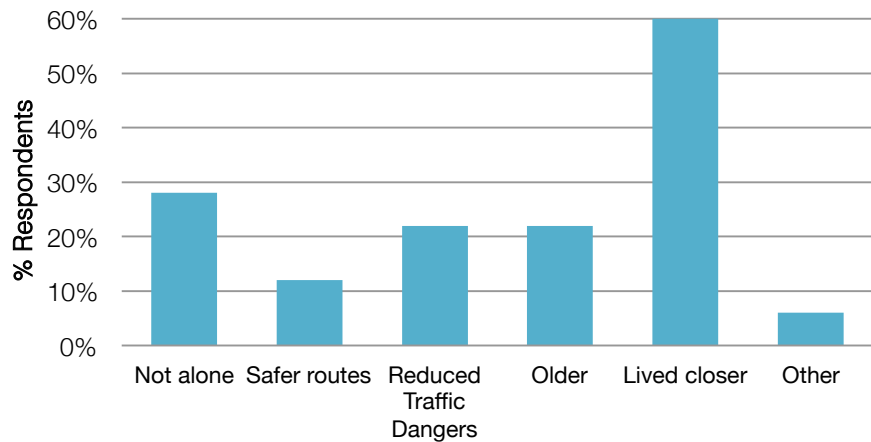
When asked why their children were usually driven to school, respondents indicated “distance” (70%), “convenience” (26%), and “on my way somewhere else” (24%) as the top three reasons.



▲ Reasons for driving my child to school

Walking to School

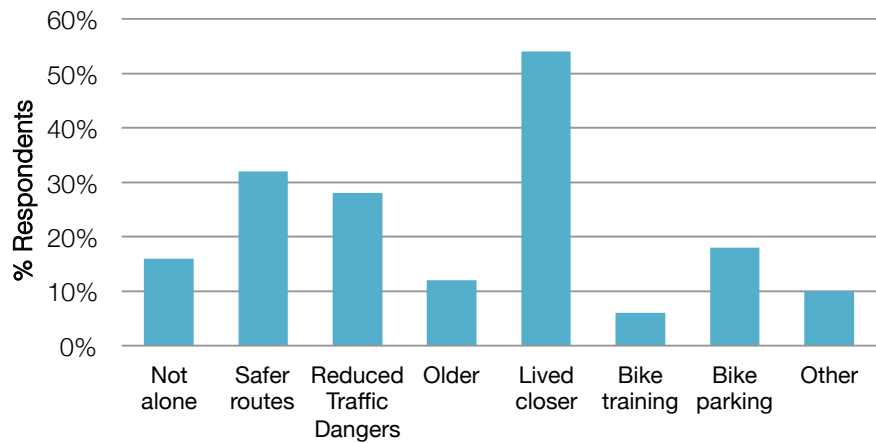
Families who drove their children to school suggested that they would allow their children to walk to school if, “they lived closer” (60%), “they did not walk alone” (22%), “there were reduced traffic dangers” (22%).



▲ I would allow my child to walk to school if...

Cycling to School

Families who drove their children to school suggested that they would allow their children to cycle to school if, “they lived closer” (54%), “there were safer routes” (32%), and “there were reduced traffic dangers” (28%).



▲ I would allow my child to cycle to school if...

Walkabout Baseline Data Collection

The Banting school walkabout took place on April 15th, 2015. The observations made on the walkabout informed the Travel Challenges section, Best Routes Map and the Action Plan. The walkabout handout can be found in Appendix B.

Travel Challenges Summary & Walkabout Areas of Concern

This section highlights the main travel challenges as identified by Banting families through the take-home baseline surveys, school walkabouts and at PAC meeting consultations. Based on its location within the neighbourhood and the existing street configuration, Banting experiences on-going traffic related challenges. The Action Plan found in Appendix A provides a list of all upcoming or completed actions taken to address many of these issues.



▲ **Clarke Rd. @ Robinson St. approaching Banting Middle School**

1.

Clarke Rd. Traffic Concerns

A number of traffic issues were highlighted from the family take-home surveys regarding the intersection at Clarke Rd. & Glenayre Dr. for those walking and cycling to school. Clarke Rd. is a major thoroughfare for vehicles, trucks and transit and ICBC has reported the intersections at Robinson St. & Glenayre Dr. to have the highest reported crash totals among all intersections located on Clarke Rd. from Como Lake Ave. to Barnet Hwy (in Port Moody).

The intersection at Clarke Rd. and Robinson St. was discussed during the school walkabout and the City of Coquitlam conducted a thorough assessment shortly after. It was noted that a number of upgrades were needed and will be made, including vegetation trimming, shifting the south crosswalk for better driver and pedestrian visibility, relocating the pedestrian push button on the southwest corner, installing

countdown timers, refreshing the pavement markings, and additional street lighting (long term).

2. Como Lake Ave.

Como Lake Ave. is a major arterial street with four lanes of moving traffic and a designated truck route. It is a concern for families and students crossing this road on their way to school as reported from the family take home surveys.

Participants on the walkabout highlighted a number of issues along Como Lake Ave. that would be problematic for families walking or cycling to school. Needed upgrades were highlighted at Banting St. and Como Lake Ave. where a hydro poll is obstructing the sidewalk; and Robinson St. and Como Lake Ave. where crosswalk paint needs to be refreshed. City of Coquitlam staff will be addressing these concerns.



▲ Robinson St. & Como Lake Ave.



▲ Banting St. & Como Lake Ave



▲ **Crosswalk at Robinson St. & Egmont Ave.**

3. Robinson St.

Students approaching the school from the north and west must eventually cross Robinson St., which at specific points and at certain times of the day is a concern as reported by families. The intersection at Egmont Ave. & Robinson St. has been noted as a popular crossing for Banting and Miller Park Elementary students but was considered insufficient for a safe pedestrian crossing by participants during the school walkabout. The City of Coquitlam staff assessed that an upgrade to the crosswalk was not warranted at the time.

To better accommodate students traveling from the west, however, the City of Coquitlam has built a new sidewalk on Lea Ave.

School Travel Planning Action Plan

Traffic Operations Improvements

The City of Coquitlam engineering staff reviewed the school walkabout report, cross-referencing its findings with existing studies, programs and projects. The following is a list of the traffic operational improvements that supplement the improvements made as part of the Middle School Walk-Bike Ability program. These improvements to the pedestrian network are intended to promote sustainable and active transportation.

Como Lake Ave.

- **Completed.** Installation of School Ahead signs with a 50 km/h tab on Como Lake Ave. was reviewed in accordance with national guidelines and is not recommended.
- **Completed.** The City has repainted pavement markings at Como Lake Ave. and Robinson St.
- **In Progress.** (Scheduled for 2017) The hydro cable will be relocated in 2017 to avoid obstructing the sidewalk.

Clarke Rd.

- **Assessment Complete.** City of Coquitlam staff reviewed the intersection of Clarke Rd. and Glenayre Dr. The following improvements will be made: Vegetation trimming on the east side of Clarke Rd.; shifting the south crosswalk for better visibility of pedestrians, relocation of the pedestrian push button on the southwest corner, installation of countdown timers, refreshing of the pavement markings, and additional street lighting (long term).

Robinson St. & Lea Ave.

- **Completed.** New sidewalk on Lea Ave. (north side) in 2016.
- **Complete.** City of Coquitlam staff assessed the need for upgrading the crosswalk at Robinson St. and Egmont Ave. An assessment upgrade from special crosswalk to a pedestrian signal is not warranted.

Guiltner St.

- **Complete.** The City of Coquitlam has also completed a new sidewalk on Guiltner St. from Smith Ave. to Regan Ave. in 2016 in response to the identification of a lack of sidewalk in this section.

Park n' Walk Selection

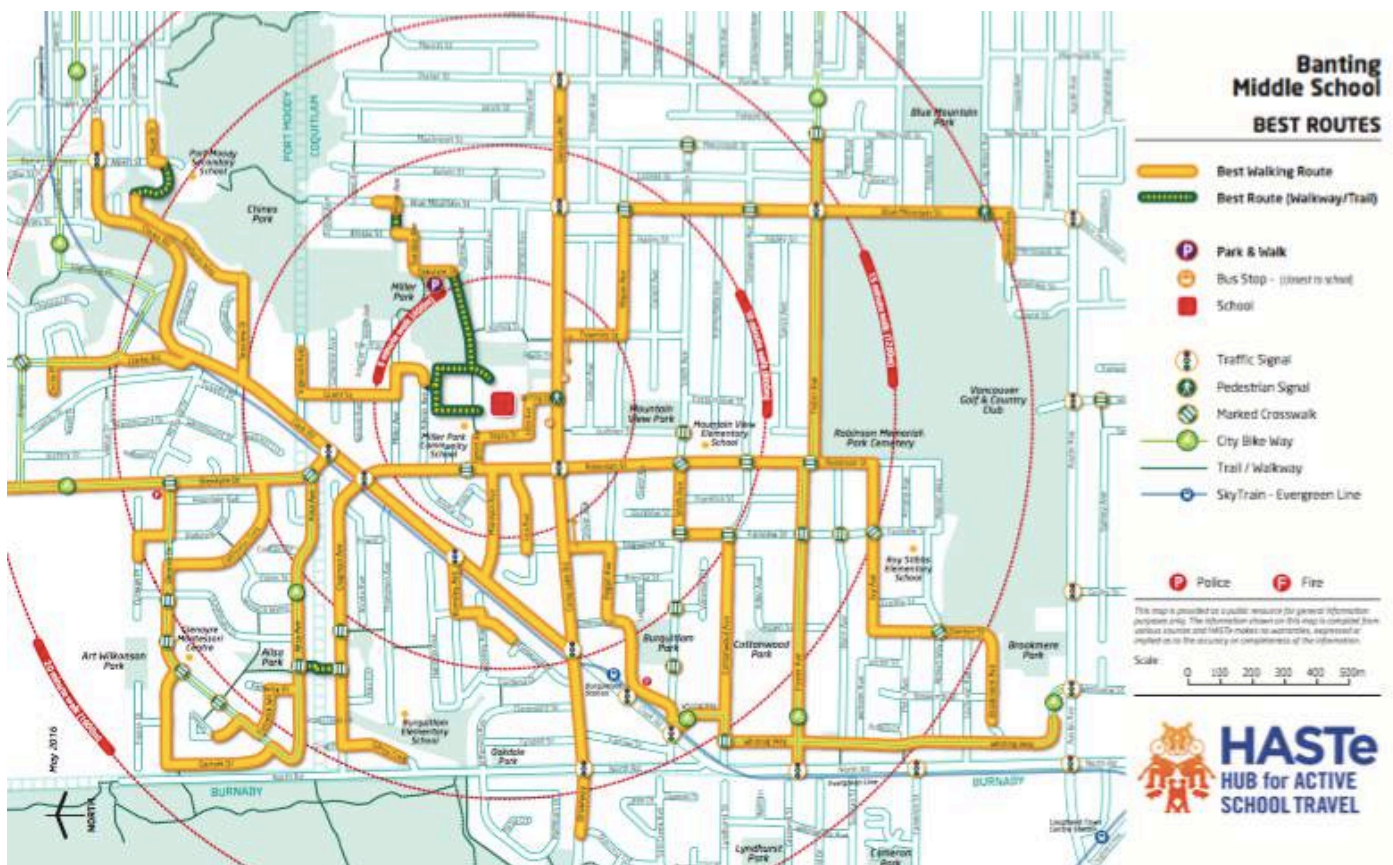
- **Complete.** City of Coquitlam staff conducted a parking inventory near the school with a focus on the area north of Banting near Miller Park to assess optimal park n' walk locations for families. Highlighted parking lot on Oakview St. at the trailhead is the chosen location.

Education & Engagement

Best Routes to School Map

A Best Routes to School Map was developed from baseline family take-home surveys and walkabout information, and in consultation with the PAC. Copies of the map were printed and distributed to families in September 2016, and will also be accessible online through the school's website.

▼ Banting Middle School - Best Routes to School Map



TravelSmart Youth Engagement Program

As part of the School Travel Planning initiative, the TravelSmart Youth Engagement Program worked with 11 leadership students (grades 6-8) who gathered for 8 Youth Leadership sessions.

- Students learned about STP and youth's role with the process.
- Students learned about the benefits of making active transportation choices.
- Students worked in small writing groups to develop content for their full school assembly.
- Students developed colourful posters to hang throughout the school to promote the Active Travel Lemonade Event.
- Students developed a PowerPoint presentation and script to promote safe and active travel to school.

TravelSmart youth leaders participated in a launch assembly on June 2, 2015. Students hosted a TravelSmart Game Show and invited teachers and students to be contestants.

The school also participated in the Walk n' Roll Event on June 5, 2015. Lemonade was served to all students who walked or rolled to school that morning. "I love walking, transit and biking" stickers were given out to all students.



▲ TravelSmart Event during Bike to School Week



▲ Mariee Devereux from TravelSmart instructs student leaders during the school walkabout

The Tri-Cities Tricycle Challenge

In support of Bike to School Week 2015, HASTe and HUB Cycling organized the 1st Annual Tri-Cities Tricycle Challenge, which was hosted at Banting.

The event involved participants racing tricycles a short distance on the school's oval track. Students were invited to watch the race during their recess break.

The challenge took place on May 14, 2015 and included City of Coquitlam Mayor Richard Stewart; City of Port Moody Mayor Mike Clay, and principals and teachers from Banting and Banting Middle Schools.

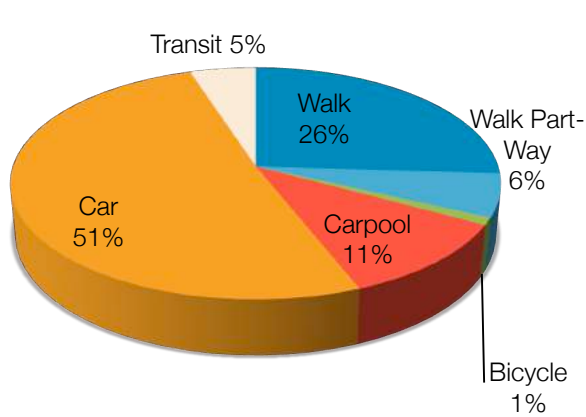
▼ Mayor Richard Stewart wins by a hair at the First Annual Tri-Cities Tricycle Challenge



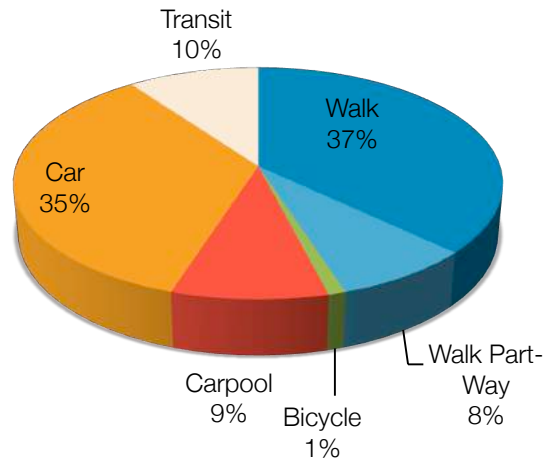
Hands-Up Follow-Up Data Collection

School travel follow-up data was collected through two methods: student hands-up surveys and family take-home surveys both of which were conducted in January 2016, approximately one year after baseline data collection. Ideally, follow-up data collection occurs after 1.5 to 2 years, which allows interventions and programming developed during the STP process to have a greater impact on travel behaviour at the school.

Follow-Up Hands-Up Survey Results

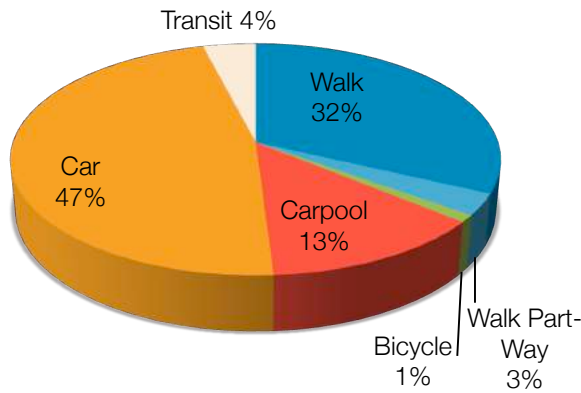


▲ Travel mode TO school (Jan. 2016)

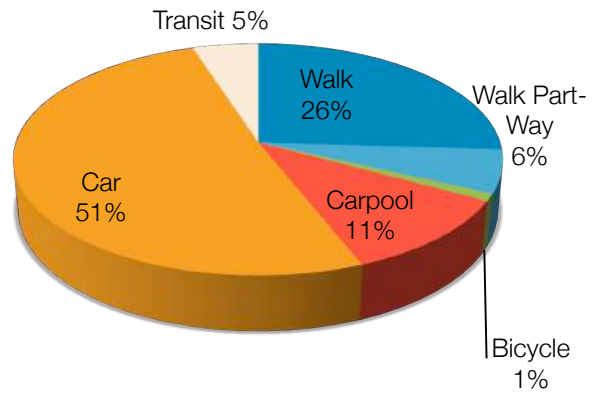


▲ Travel mode FROM school (Jan. 2016)

Baseline vs. Follow-Up Hands-Up Survey Results

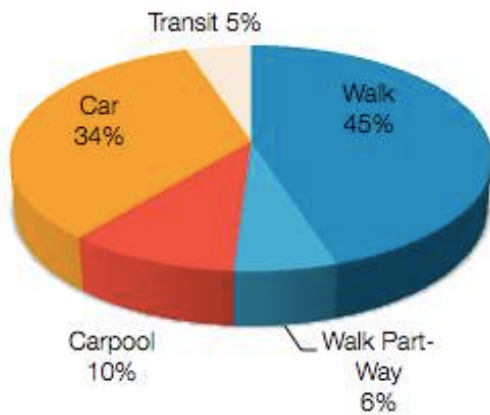


▲ Baseline travel mode TO School (Jan. 2015)

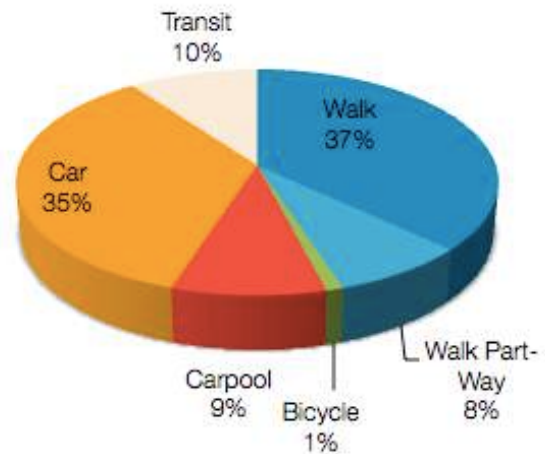


▲ Follow-up travel mode TO school (Jan. 2016)

Baseline vs. Follow-Up Hands-Up Survey Results



▲ Travel mode FROM school (Jan. 2015)



▲ Travel mode FROM school (Jan. 2016)

Eighteen divisions from grades 6-8 participated in hands-up surveys during the week of January 25, 2016. Results were compared with baseline data, indicating a drop of 3% in walking *to* school and 6% *from* school. Driving rates (i.e. single family) increased slightly by 4% *to* school and 1% *from* school. The most significant change was in transit use *from* school, which saw a 5% increase.

For the after school trip, students are more likely to make their own travel choices. There is a great deal of potential to focus on the *from* school travel options for middle school students as a means of independent travel and the promotion of walking, biking or taking transit.

97% of Banting Middle School families support ongoing School Travel Planning initiatives

- Family take-home surveys

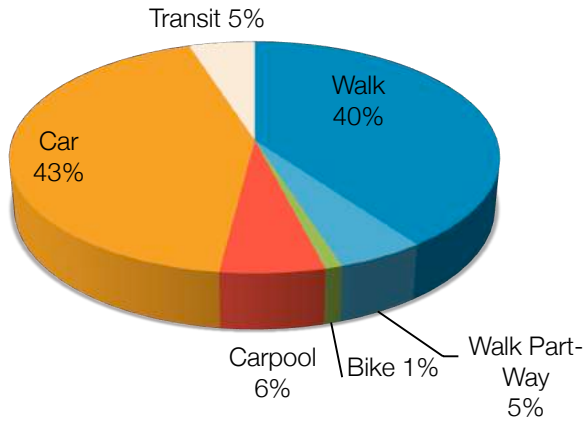
Family Survey Follow-Up

Family take-home surveys were printed and sent home to families during the week of January 25, 2016. Families had one week to submit their responses. In total, 214 families (41%) completed the survey, well over double the number of families from the baseline survey. 23% of families indicated that they had filled out the baseline survey in 2015.

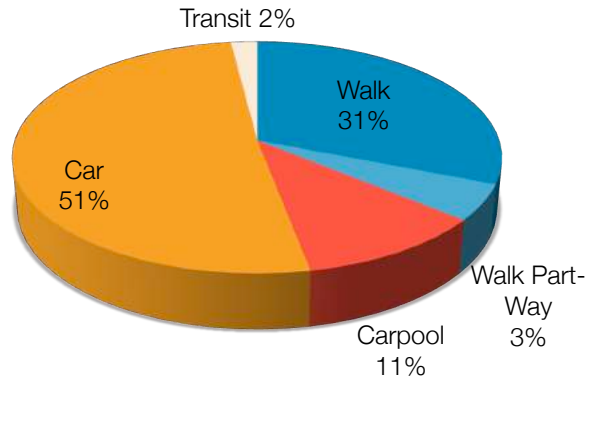
97% of Banting families support ongoing School Travel Planning initiatives.

As mentioned previously, family-take home surveys showed similar results to the hands-up surveys, validating much of the collected data. The increase in transit use *from* school was a key shift in travel mode (as indicated in the graphs below).

Family Survey Results: Baseline Vs. Follow-Up (TO School)

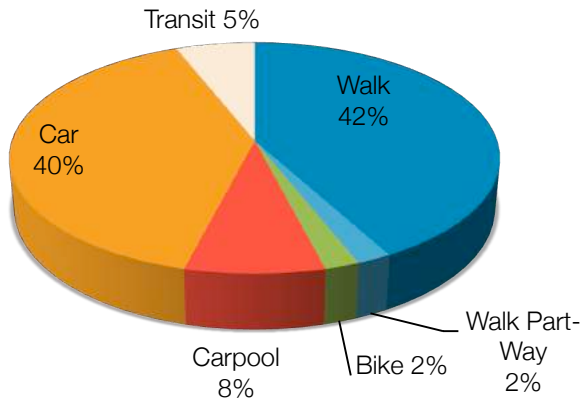


▲ **Baseline family take-home TO school (Jan. 2015)**

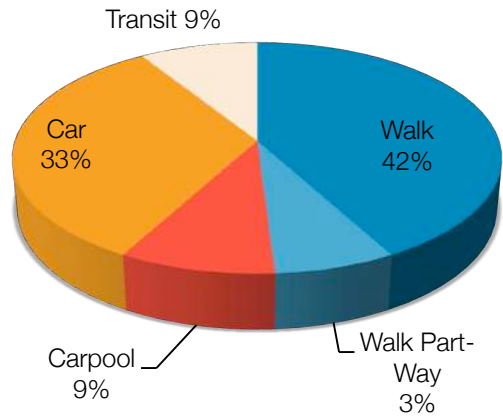


▲ **Follow-Up family take-home TO school (Jan. 2016)**

Family Survey Results: Baseline Vs. Follow-Up (FROM School)



▲ **Baseline family take-home FROM school (Jan. 2015)**



▲ **Follow-Up family take-home FROM school (Jan. 2016)**

Over the course of one year - the time between baseline and follow-up surveys - the most significant shift in travel mode was a 100% increase in transit use for students traveling *from* school. This increase was validated by the family follow-up surveys when parents were asked if they were driving less, what they were doing more of, the results were: 68% more walking, 28% more transit, and 4% more cycling.

Transit, like cycling, becomes a feasible and logical travel option for students at the middle school level (aged 11-13). Particularly for Banting where 40% of students are coming from out-of-catchment, making the trip to school independently without the need to be chauffeured becomes an opportunity to increase healthy travel options while decreasing the number of cars on the road.

Summary of Main Findings

With a clearer understanding behind the reasoning of family travel choices the targeted programming, activities and interventions can be planned and developed with the best opportunity for effective results. A few of these activities are highlighted in the table below, which have been ranked by parents at Banting.

Which STP activity was most effective?	
Activity	Importance
1. Infrastructure improvements	33%
2. Bike to School Week (May 2015)	20%
3. TravelSmart programs (e.g. contests/ incentives, Walking Wednesdays, assembly)	19%
4. HUB cycling training	17%
5. Newsletter announcements	7%

Middle school catchments, such as Banting's, are quite large, and many families (39%) reported living beyond 3km from school and stated that distance was the number one reason they drove their children to school.

So, cycling becomes an attractive option to conquer this distance while empowering students to become independent travellers. The reported cycling rates at Banting are normal compared with other middle schools in Coquitlam but still relatively low at 1%. However, an encouraging 20% of parents reported that Bike to School Week in 2015 was the STP activity they thought was the most effective.

Leveraging this momentum will be challenging particularly as the new school is under construction. The idea of cycling to school for middle school aged kids (11-13 years old) is a more feasible option for families than it is at the elementary school level based on our previous studies for both age groups. Targeting cycling instruction (i.e. HUB's Ride the Road program) at this demographic has had

strong support from school administration, parents, and the City of Coquitlam and would be a welcome addition to regular school programming in the future.

Over the next couple of years, Banting will be faced with new travel challenges while the new school is being built. Parents have been informed about the changes in pick-up and drop-off procedure, and through the School Travel Planning process, families are now better equipped to make smarter, more active travel choices. Banting families will have an opportunity to rethink how they travel to the new school and should do all they can to encourage active and safe travel for students when the new school opens.

School Travel Planning Members

The School Travel Planning process for Banting Middle School 2014/2015 worked with a School Travel Planning School Committee and a School Travel Planning Stakeholder Committee. Key members of each committee are listed below.

School Committee

- Principal: Abby Soh
- Vice-Principal: Chris Hunter
- PAC Chairperson: Donalee Roos
- PAC Vice-Chair: Kellie Staples

Stakeholder Committee

- Devon Ross: School District 43
- Mariee Devereux: TravelSmart, TransLink
- Staff from the City of Coquitlam Transportation Planning, Traffic Operations and Bylaw
- Kathleen Nadalin: ICBC
- Scout Gray: HUB Cycling
- Alex Kwan: Fraser Health



Appendix A

1. Action Plan for Banting Middle School
2. Baseline & Follow-Up Surveys: Hands-Up and Family Take-Home

Appendix B

1. Banting Walkabout Handout

Appendix A: Action Plan for Ecole Banting Middle School



Action/Initiative	Task	Start Date	End Date	Status
HASTe BC				
School Travel Planning Facilitator Actions				
Baseline Data Collection	Conduct Baseline Family Survey and Classroom Survey	Jan 2015	Jan 2015	
Walkabout	Conduct a School Community Walkabout with STP Municipal, School and Parent Stakeholders	Apr 2015	Apr 2015	
PAC Engagement	Attend Spring PAC Meeting. Provide newsletters information about Pick-Up Drop-Off area, crosswalk education for parents, and feedback about draft Best Routes to School maps	Feb 2015	Feb 2015	
Principal Engagement	Work with principal to provide and develop pedestrian and cycling safety resources, contest and prizes for students and parents throughout the year	Jan 2015	Sep 2016	

Action/Initiative	Task	Start Date	End Date	Status
Complete DRAFT Action Plan	Complete draft action plan, solicit feedback from school planning committee and steering committee	Apr 2015	Apr 2015	
Complete "Best Route to School" maps	Develop Best Walking and Cycling Route to School using community input and feedback and codify them in a map of the catchment, to be distributed to families in the spring or early next fall	May 2015 or Sep 2015	Sep 2016	
In-class youth education and engagement	Deliver in-class education and engagement curriculum complete with 'launch' assembly	Apr 2015	Jun 2015	
School Event	Work with Youth Engagement Program, PAC & Principal to host a community event, e.g. Bike to School Week	Apr 2015	Dec 2015	
Collect Follow-up Surveys	Conduct follow-up Family Survey and Classroom Survey	Jan 2016	Jan 2016	
Report on implementation of STP and initiatives	Oversee the implementation of Action Plan items and track the actual versus planned timing and cost of initiatives	ongoing	Aug 2015	
Analyze and report on survey findings	Enter data, produce result graphs	Jun 2015	Sep 2016	
Complete School Travel Plan	Track progress, collect all relevant STP information and develop School Travel Plan document. Copies provided to Banting Middle School, City of Coquitlam, and TravelSmart	Jun 2016	Sep 2016	

Action/Initiative	Task	Start Date	End Date	Status
Municipal Steering Committee Actions				
Coquitlam School District Actions				
Facilitation & Support	<p>Devon Ross to act as liaison between HASTe and STP schools</p> <p>Ensure final school travel plan and recommendations are passed along to the project managers responsible for Banting's relocation and traffic plan</p>		2-3 years	
City of Coquitlam Actions				
Infrastructure	City to assess need for 50km/hr sign along Como Lake Ave. near Banting St. Vehicle speed is a major concern along this stretch of Como Lake Ave. Significant number of students use intersection to reach Banting Middle School and Miller Park Elementary	Apr 2015	Aug 2015	Completed. Installation of School Ahead Signs with 50 km/h tab on Como Lake Ave. was reviewed in accordance with national guidelines and is not recommended.
	City to assess relocating telephone poll cable as to not obstruct safe use of the sidewalk for pedestrians. Northeast corner of Banting St. and Como Lake Ave.	Apr 2015	Nov 2016	In Progress. The hydro cable will be relocated in 2017 to avoid obstructing the sidewalk.
	City to assess intersection of Robinson St & Lea Ave., which lacks proper sidewalk infrastructure. Sidewalks were also noted missing on Lea Ave.	Apr 2015	Nov 2016	Completed. New sidewalk on Lea Ave. (north side) in 2016

Action/Initiative	Task	Start Date	End Date	Status
	itself			
	The City has also completed a new sidewalk on Guiltner St from Smith Ave to Regan Ave in 2016 in response to the identification of a lack of sidewalk in this section.	Jan 2016	Nov 2016	Completed. A new sidewalk on Guiltner St from Smith Ave to Regan Ave was installed.
	City to assess intersection of Como Lake Ave. & Robinson St. Northeast crosswalk was noted as needing a paint refresh	Apr 2015	Nov 2016	Completed. The City has repainted pavement markings at Como Lake Ave. and Robinson St.
	City to conduct parking inventory near school with a focus on the area north of Banting Middle School near Miller Park to assess optimal park n' walk locations for families	Apr 2015	Aug 2015	Pending. City to review potential for Miller Park parking lot on Oakview St. at the trailhead as a potential Park n' Walk
	City to assess intersection of Robinson St. & Egmont Ave. Special crosswalk was noted as insufficient for safe pedestrian crossing (a significant amount of students and families using the crosswalk during morning and afternoon) Recommendation: upgrade crosswalk infrastructure to full pedestrian controlled traffic signal.	Apr 2015	Aug 2015	Completed. Based on assessment upgrade from special crosswalk to a pedestrian signal is not warranted.
	City to assess intersections of Ailsa Ave. & Glenayre Dr., and Clark Rd. & Glenayre Dr. The walkabout group was unable to visit these	Apr 2015	Aug 2015	Completed. City staff reviewed intersection of Clark and Glenayre.

Action/Initiative	Task	Start Date	End Date	Status
	<p>intersections but they were noted by families and stakeholders as having a number of different traffic issues.</p> <p>Recommendation: City staff to visit these sites as they are most familiar with school-based traffic assessment and process.</p>			The following improvements will be made: Vegetation trimming on the east side of Clarke Road; shifting the south crosswalk for better visibility of pedestrians; relocation of the pedestrian push button on the southwest corner; installation of countdown timers; refreshing of the Pavement markings; additional Street lighting (long term).
	Intersection of Ailsa Ave. @ Glenayre Dr.		Aug 2015	Pending. City will refresh pavement markings at intersection.
RCMP & ICBC Actions				
Road safety/personal safety	Kathleen Nadalin to arrange Speed Watch along Como Lake Ave. near Banting St.	Apr 2015	Jun 2015	
Fraser Health Actions				
Environmental Health	To investigate other relevant case studies with regards to increasing awareness and education of	Apr 2015	Jun 2015	

Action/Initiative	Task	Start Date	End Date	Status
	parents about the benefits of active travel over driving their children to school. How might PACs improve their relationships with the student body and also craft messaging that is effective for families?			
HUB Actions				
Bike Safety training	Bike education training for 12 classes at Banting	Spring 2015	Spring 2015	
Bike route planning	HUB to liaise with City and assess optimal safe bike routes and street crossings for students riding to Banting	May 2015	Jun 2015	HASTE BC/HUB Information to be passed along to HASTE and incorporated into Best Routes Maps
TransLink - TravelSmart				
Resources and school education and engagement	Mariee Devereux to ensure Travel Smart program informs and utilizes teachers, parents, and the Municipal Stakeholders Committee in the programming at Scott Creek Middle School.	Apr 2015	Jun 2015	TravelSmart
Principal Actions				
Register for Bike to School Week	Register and participate in Bike to School Week. Visit www.hastebc.org/btsw for details.	Apr/May 2015	May 2015	
Bike to School Week promotion	Banting, as an STP school who is also receiving bike education, can help promote BTBW 2015 among other schools in the district	Apr 2015	May 2015	

Action/Initiative	Task	Start Date	End Date	Status
STP meeting	Principal to attend annual School Travel Planning meeting to update school progress and/or identify new concerns	ongoing	Sep 2016	
Newsletter and Announcement promotion	Continue to promote Newsletter and announcements to support safe and active travel and behaviour change, informed by the next steps of the School Travel Planning process and engagement with the TravelSmart program and the in-class engagement with students	ongoing	ongoing	
Resources, Contests & Campaigns	Provide pedestrian and cycling safety information to students throughout the year, including Best Routes to School maps. Abby Soh and Chris Hunter have agreed to host and participate in the Tri-Cities Tricycle Challenge (May 14, 2015) in support of Bike to School Week 2015	Spring 2015	Jun 2015	
PAC Actions				
Newsletter	<ul style="list-style-type: none"> • Best Routes to School maps delivered to families in May/Jun or September 2015 • Separate item in the newsletter stating new location of park n' walk locations and meeting places. • Educate PAC & Parents with STP updates (includes: resources, infrastructure change updates & upcoming events) 	May 2015	Sep 2016	
Best Routes Map	Contribute to editing the Best Routes to School Map	Jun/Sep 2015	Jun/Sep 2015	

Action/Initiative	Task	Start Date	End Date	Status
New Actions				

Walkabout date: 15 Apr 2015

Walkabout Participants

- Abby Soh, Principal
- Chris Hunter, Vice Principal
- Jannette Guarin, City of Coquitlam
- Mumtaz Abro, City of Coquitlam
- Mariee Devereaux, TravelSmart/TransLink
- Devon Ross, SD43
- Ross Selby, SD43
- Alyshia Burack, HUB Cycling
- Kelli Staples, VP PAC
- Jennifer Manning, Parent
- Mike Smith, HASTe
- Banting TravelSmart leadership students (4) also joined the walkabout

CLASSROOM HANDS UP TRAVEL SURVEY

Please complete this survey, using stand-up or hands-up methods (ask students to raise their hand's or divide in separate corners of the classroom) for the week of:

Monday January 12 – Friday January 16, 2015

Teacher: _____ Grade: _____ Division #: _____ # Students: _____

Ask students: "How did you travel to school this morning?"

	<i>Weather</i>	Walked /scooter	Walked part-way*	Bicycle	School Bus	Public Transit	Carpool (2 or more families)	Car (Just my family)	Other?	Total
Mon	Example: Rainy/6C									
Tues										
Wed										
Thur										
Fri										
Total										
Avg=Total/5 not for teachers										

Ask students: "How will you travel from school today?"

	<i>Weather</i>	Walked /scooter	Walked part-way*	Bicycle	School Bus	Public Transit	Carpool (2 or more families)	Car (Just my family)	Other?	Total
Mon	Example: Rainy/6C									
Tues										
Wed										
Thur										
Fri										
Total										
Avg=Total/5 not for teachers										

Walked part-way = *Walked at least one entire block. (e.g. Park & Walk)

Banting Middle School

School Travel Planning Baseline Survey

January 12 2015

Dear Parent (Guardian):

Banting Middle School is working together with the City of Coquitlam's School Travel Planning program to help reduce school traffic congestion and encourage more students to walk, scooter, skate or cycle on their journey to and from school.

The benefits of active school travel include:

- Increased safety
- Improved health
- Arriving alert and ready to learn
- Less stress, greater happiness
- Reduced traffic congestion near the school
- Less air pollution

The School Travel Planning survey will help to better understand the travel choices made by families at Banting with the purpose of improving the safety and health of the school community.

2 Part Survey

This survey has two parts: (1) an online questionnaire and; (2) a paper mapping exercise. **To complete the online section please visit: www.hastebc.org/coquitlam and follow the detailed instructions for your school.**

You'll find the mapping exercise on the following pages. Once complete, **please have your child return it to their classroom teacher by Friday January 16th, 2015.**

If you have any questions about the survey or the School Travel Planning process, please contact: Mike Smith, School Programs Manager. msmith@hastebc.org

Thank you,

Abby Soh, Principal





See mapping instructions on next page.

MAPPING EXERCISE: FOR PARENTS & STUDENTS TO ANSWER AS A FAMILY

Please complete the following map with the **WALKING** or **CYCLING** route your child/children take to get to and from school. If you usually drive please indicate the route **you would** walk or cycle. Identify any locations that are of concern to you with a number (e.g. 1, 2, 3) and describe these in the table below.

What do you think is unsafe in this area?
e.g. Banting St. at Como Lake Rd. Cars turn right without looking for pedestrians.

PLEASE HAVE THIS MAPPING EXERCISE COMPLETED AND RETURNED TO THE SCHOOL BY FRIDAY JANUARY 16TH 2015. AND DON'T FORGET TO FILL OUT THE ON-LINE SURVEY, TOO. THANKS!

*HASTe BC (The Hub for Active School Travel) is the provincial lead for School Travel Planning in British Columbia.
For more information please visit our website: www.hastebc.org*

School Travel Planning Coquitlam is funded by the City of the Coquitlam and TravelSmart.



CLASSROOM HANDS UP TRAVEL SURVEY

Please complete this survey, using stand-up or hands-up methods (ask students to raise their hand's or divide in separate corners of the classroom) for the week of:

Monday January 25th – Thursday January 28th 2016

Teacher: _____ Grade: _____ Division #: _____ # Students: _____

Ask students: "How did you travel to school this morning?"

	<i>Weather</i>	Walked /scooter	Walked part-way*	Bicycle	School Bus	Public Transit	Carpool (2 or more families)	Car (Just my family)	Other?	Total
Mon	Example: Rainy/6C									
Tues										
Wed										
Thur										
Fri										
Total										
Avg=Total/5 not for teachers										

Ask students: "How will you travel from school today?"

	<i>Weather</i>	Walked /scooter	Walked part-way*	Bicycle	School Bus	Public Transit	Carpool (2 or more families)	Car (Just my family)	Other?	Total
Mon	Example: Rainy/6C									
Tues										
Wed										
Thur										
Fri										
Total										
Avg=Total/5 not for teachers										

Walked part-way = *Walked at least one entire block. (e.g. Park & Walk)



École Banting Middle School
School District No. 43 (Coquitlam)

Ecole Banting Middle School

820 Banting St.
Coquitlam, BC V3J 4J4

☎ 604-939.9247

School District 43 ~ Coquitlam

RE: FOLLOW-UP FAMILY TRAVEL SURVEY

January 25, 2016

Dear Parent (Guardian):

Banting Middle School has been working together with the City of Coquitlam's School Travel Planning program to help reduce school traffic congestion and encourage more students to walk, scooter, skate or cycle on their journey to and from school.

Banting took part in this program to:

- Improve safety in our community
- Increase the health and well-being of our students
- Increase the amount of students arriving alert and ready to learn
- Reduce pollution where our students play; and
- Reduce traffic congestion at and around our school

Some highlights from the last year include: Crosswalk assessments and upgrades, TravelSmart Youth Leadership program, and HUB Cycling training, including a great student turnout for Bike to School Week in May 2015.

This follow-up survey is to help us understand the impact that School Travel Planning has had on travel behavior at Banting Middle School.

The deadline to submit the survey is: THURSDAY JANUARY 28th 2016. Please have your child return the survey to their classroom.

If you have any questions about the survey or the School Travel Planning process, please contact: Mike Smith, HASTE, msmith@hastebc.org

Thank you,
Chris Hunter
Vice-Principal



To protect your privacy this survey does not require you to provide your name. *All information will be kept strictly confidential.*

“Creating a Positive, Encouraging and Supportive
Learning Environment”

Family Transportation Survey

Please include the date (month/day/year) that you filled this survey out

(e.g. October / 15 / 2015): _____/_____/_____

Please complete ONE survey per family.

1. Did you complete the first Family Transportation Survey in January 2015? (Circle one)

YES NO NOT SURE

2. How does your child(ren) **usually** get to and from school?

CHOOSE ONLY ONE BOX FROM EACH COLUMN

(If two modes are common, e.g. *walking* and *driving*, choose the one they do **most often**.)

	TO school	FROM school
Walk / Scooter / Skate	<input type="checkbox"/>	<input type="checkbox"/>
Walk part-way (at least one entire block)	<input type="checkbox"/>	<input type="checkbox"/>
Bicycle	<input type="checkbox"/>	<input type="checkbox"/>
School bus	<input type="checkbox"/>	<input type="checkbox"/>
Public transit (TransLink)	<input type="checkbox"/>	<input type="checkbox"/>
Carpool (2 or more families)	<input type="checkbox"/>	<input type="checkbox"/>
Car (just your family)	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>

If Other
(explain) _____

3. Who usually accompanies your child on the way to school?

Parent/Grandparent Other Adult Sibling Friend Child travels alone

4. How far away from school do you live? If you are not sure, check Google Maps.

Less than 0.5 km 0.51 to 1.59 km 1.6 to 3 km Over 3 km

5. What language does your family speak at home?

English Korean Persian Russian Mandarin Other
please specify : _____

6. Please fill in the age and sex of your child(ren) attending this school.

Child	Age	Sex	
		Boy	Girl
1		<input type="checkbox"/>	<input type="checkbox"/>
2		<input type="checkbox"/>	<input type="checkbox"/>
3		<input type="checkbox"/>	<input type="checkbox"/>
4		<input type="checkbox"/>	<input type="checkbox"/>

7. Our neighbourhood is safe for children to walk to and from school. (Please circle one answer).

STRONGLY AGREE AGREE DISAGREE STRONGLY DISAGREE

ONLY ANSWER Questions 8-10 if your child/ children are usually driven to or from school. If not, please skip to question 11

8. What are the main reasons your child(ren) is/are **usually** driven to/from school?
(Choose up to three)

- Distance from home too far
- Convenience/time pressures
- Traffic danger
- Personal safety issues (e.g. bullying, stranger danger, etc.)
- I'm on my way somewhere else (e.g. to work)
- Weather
- Other (explain) _____

9. I would allow my child(ren) to **walk** to school if... (choose up to three)

- He or she did not walk alone
- There was a safer or improved walking route
- There were reduced traffic dangers
- He or she were older
- He or she did not live so far from school
- Other (explain) _____

10. I would allow my child(ren) to **cycle** to school if... (choose up to three)

- They did not cycle alone
- There was a safer or improved cycling route
- There were reduced traffic dangers
- They were older
- They did not live so far from school
- They received bicycle safety training
- They could lock their bicycle in a safe place
- Other (explain)_____

Everyone continue at question 11 below

11. In what ways have your family's school travel habits changed, since the School Travel Planning process began?

- less driving (e.g. more carpooling, walking, cycling, taking public transit, etc.)
- not changed
- more driving

Comments: _____

12. If you are driving less for trips to or from school, what are you or your child(ren) doing more of?

- Walking
- Cycling
- Transit
- Other: (explain):_____

13. Has the volume of vehicle traffic outside this school changed since the School Travel Planning process began?

- decreased not changed increased

Comments: _____

14. Please share any further comments about your child's journey to and from school.

15. Which school travel planning activities do you feel have been most effective for your family? (Check all that apply.)

- Infrastructure improvements, e.g. signage, crosswalk upgrades, speed bumps
- Walking & Cycling TravelSmart education and assembly
- Walk or Bike to School Week events and prizes
- Newsletter Announcements
- HUB cycle training
- Other

16. Do you support ongoing School Travel Planning efforts to make the school area safer, healthier and better connected to the community, by focusing on ways to reduce the number of children traveling to and from school by car?

YES

NO

17. If you would like to continue to help with School Travel Planning efforts, for example attend Parent Advisory Council (PAC) meetings, please provide your name, email and/or telephone number:

THANK YOU FOR YOUR TIME. PLEASE HAVE THIS SURVEY COMPLETED AND RETURNED TO THE SCHOOL BY THURSDAY JANUARY 22ND 2016.

HASTE - Hub for Active School Travel is the provincial lead for School Travel Planning in British Columbia: (www.hastebc.org)
School Travel Planning in your community is funded by the City of Coquitlam and TravelSmart.

For more information please visit our website or join us on Facebook or Twitter.



Appendix B: Banting Walkabout Handout

April 15, 2015 – 2:45pm

Background Information:

- dual track school offering an English program and an early and late French program
- grades 6-8
- 539 students



Bell: morning-8:35am; afternoon-3pm

Data collected from hands-up and family-take home surveys January 2015.

Mode	TO SCHOOL	FROM SCHOOL
	BL (%)	BL (%)
Walk / Scooter / Skate	32%	45%
Walk part-way (at least one entire block)	4%	6%
Bicycle	1%	0%
School bus	0%	0%
Public Transit (TransLink)	4%	5%
Carpool (2 or more families)	13%	10%
Car (just your family)	47%	34%
Other	0%	0%
TOTAL	100%	100%

Distance to school	BL (#)	BL (%)
Less than 0.5km	5	6%
0.51 to 1.59km	24	30%
1.6 to 3km	18	23%
Over 3km	32	41%
TOTAL	79	100%

Reasons for Driving	BL (#)	BL (%)
Distance	35	44%
Convenience	10	12%
Traffic	5	6%
Personal Safety	7	8%
On way to somewhere else	15	19%
Weather	7	9%
TOTAL	79	100%

98% of parents support the School Travel Planning initiative.