

# MPSD School Libraries 2018/2019:

## Celebration of Curriculum Support & Learning



# Dewdney: TL Literacy Support



- 5 of 8 divisions received **extra doses of reading support and literacy games**
- Grade 2/3 focus, support with alphabet, sounds and sight words
- Building **confidence and skills in a fun learning environment.**



# École Christine Morrison Library



- Author visits enhance use of PAC funded outdoor classroom space.



# École Christine Morrison Library



- Sponsored extra-curricular Reading Link team to encourage, develop and support literacy skills in readers of all levels.
- Introduced MyBlueprint to as many students as possible, collaboratively implementing with some teachers and modelling effective use with others.
- Organized and advertised Spheros to use in classrooms or with small groups.
- Collaborated with District staff to increase awareness and use of SET BC kits, Math Blitz Kits.

# École Christine Morrison Library



- Hosted “Little Learners” program for 3 and 4 year olds every Friday.
- Introduced all students to World Book Online and the ERAC suite in order to increase the use of this valuable resource.
- Implemented two new units with all grades to support school goals: digital citizenship and growth mindset.
- Focussed on enhancing the collection of SOGI and Indigenous resources.
- Created STEM centres for use in the Learning Commons before and after school.

# École Christine Morrison Library



# Hillside Traditional Academy: Support from Library/Curriculum TTOC

- Two book fairs with PAC support
- Two **book challenges** to get students inspired to branch out and read more
- 12 library helpers throughout the year to help collect books
- Researched for projects and practiced note taking on **energy and biomes** (gr.4)
- Collaborated with Gr.6 teachers to create a **multi genre book project and presentation**
- Bought new novels for students and resources for teachers



# Hillside Library TTOC cont'd...

- Did **push in support** in classrooms
- Bought and cataloged new country books
- Created an **Anxiety teacher resource section** with lessons and books
- Helped with **interest fair projects** for grade 5 and 6s
- Created a **Viking unit** in the library
- Created a **poetry unit** in the library
- Currently studying “Trapped in Ice”, a Canadian expedition story with intermediate students
- Continued **Lego club** at lunch times





# Deroche Library



- **Outdoor Learning Support**
  - Tree Identification, descriptive language, “tree tapping”
- **Reading Power Focus**
  - Collaboration with classroom teachers to build and organize the collection
- **New Maker Bins:**
  - Writing and illustrating books
  - Drawing
  - Library work
  - Finger knitting (led to creation of a school Knitting Club)

# Windebank Library

- **Math Support:**

- Worked with the three Grade One classes using the [Math Blitz kits](#) that Rebekkah Stenner made for the schools.

- **MyBlueprint (All About Me) Support:**

- Made [QR codes for the entire school](#)
- Showed primary classes how to log on with the computer and the iPad; [most classes have at least one entry in My Blueprint – some have 10-12 entries.](#)



# Windebank cont'd

## ADST Support:

- Facilitated student challenges for using **K'Nex, Lego, Kapla Blocks, Sphero, Ozmo, and Cubelets**. Students in Grade 3-6 have also worked with the **Lightbot app** and have a good beginning knowledge of coding.
- Supported monthly **school STEM challenges**:
  - Bridges, a Gingerbread Boy hideout, tennis ball towers, marble runs, and designed something after reading "What Can You Do With a Box?". Our final challenge will be **making kites (from a kit) and going to Heritage Park to fly them.**





# ALBERT MCMAHON ELEMENTARY

WHAT HAVE WE BEEN UP TO?



Introducing  
Makerspace materials,  
STEM activities,  
cooperative board  
games, and card  
games to the  
library

my **Blueprint**  
education planner

Facilitating students' use of  
My Blueprint, and assisting them  
with adding information to  
their profiles





# ALBERT MCMAHON ELEMENTARY

WHAT HAVE WE BEEN UP TO?

## Sphero Chariot Challenge

ADST collaboration with a grade 5/6 class to design and create chariots to be pulled by a Sphero.



planning



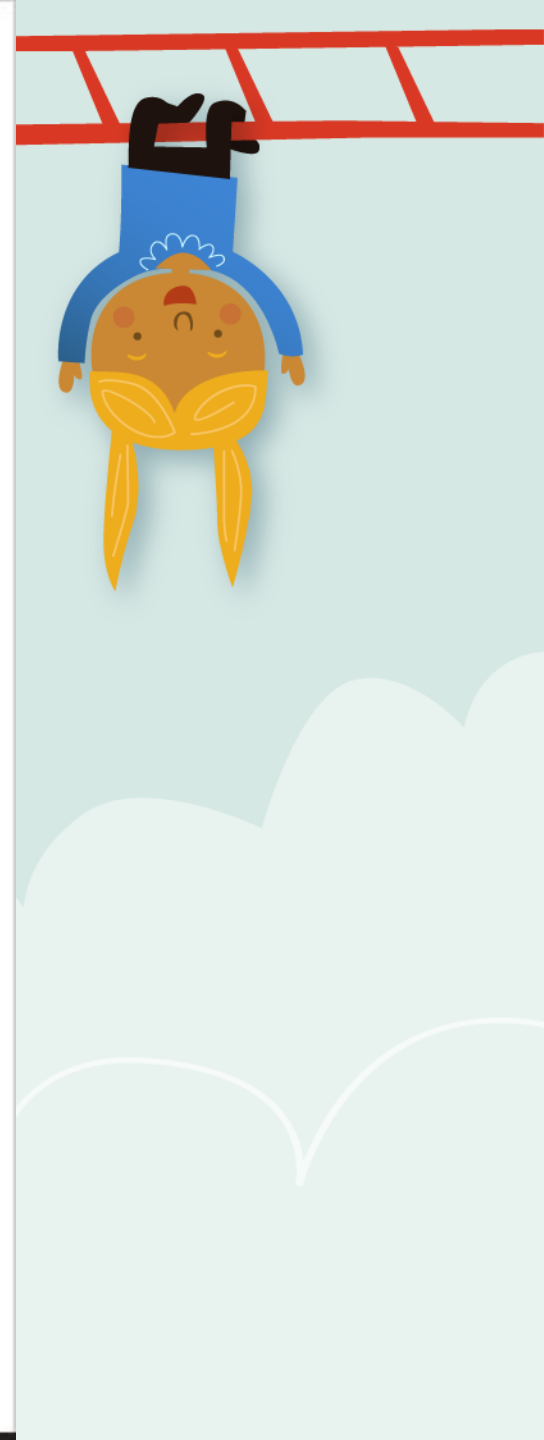
creating



testing



racing





# ALBERT MCMAHON ELEMENTARY

WHAT HAVE WE BEEN UP TO?

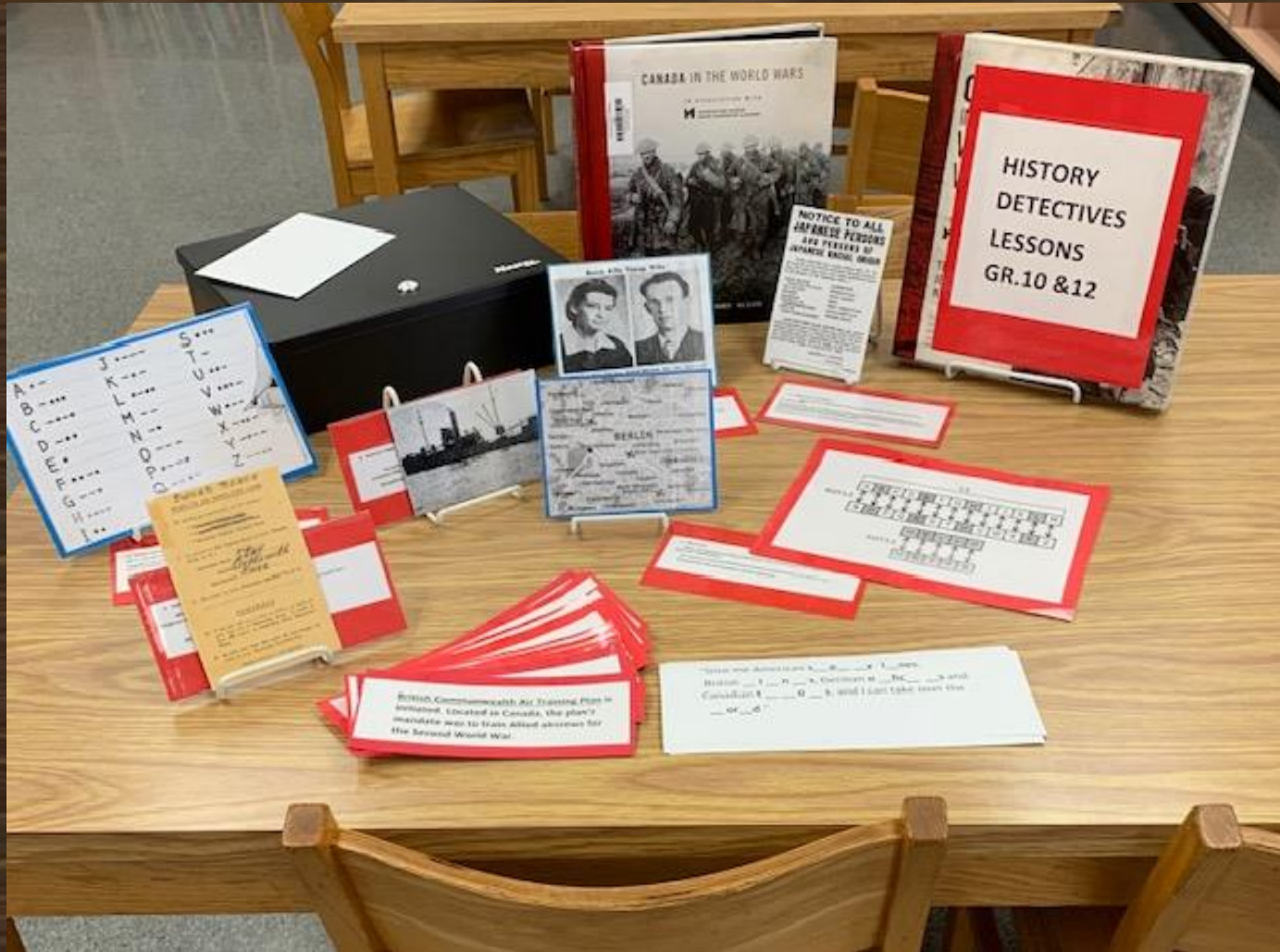
Classroom collaboration on research projects using books and online databases for grades 4, 5, & 6



Using Kahoot to review and reinforce concepts learned in class



# Mission Secondary School Library:



## History Detective Breakout Box

Seven boxes of primary sources (Canadian War Museum) were purchased for inquiry activities, along with a lock box.

This lesson, on the Canadian involvement in the Second World War, has students working through three inquiry tasks.

There are fifteen choices of inquiry, ranging from Morse Code to Interactive maps.

# Mission Secondary School cont'd:

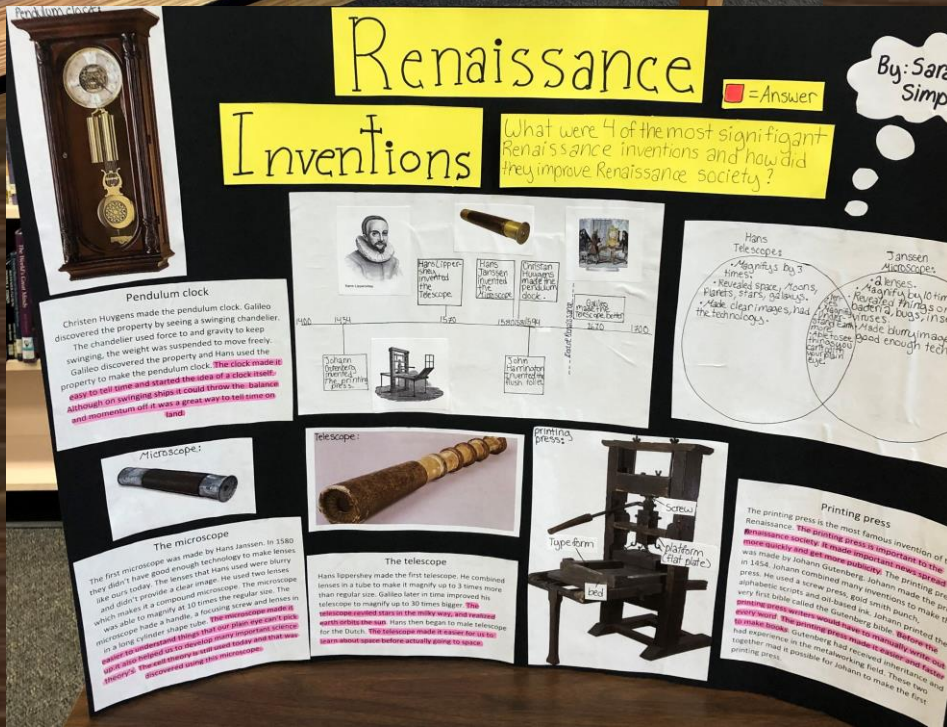
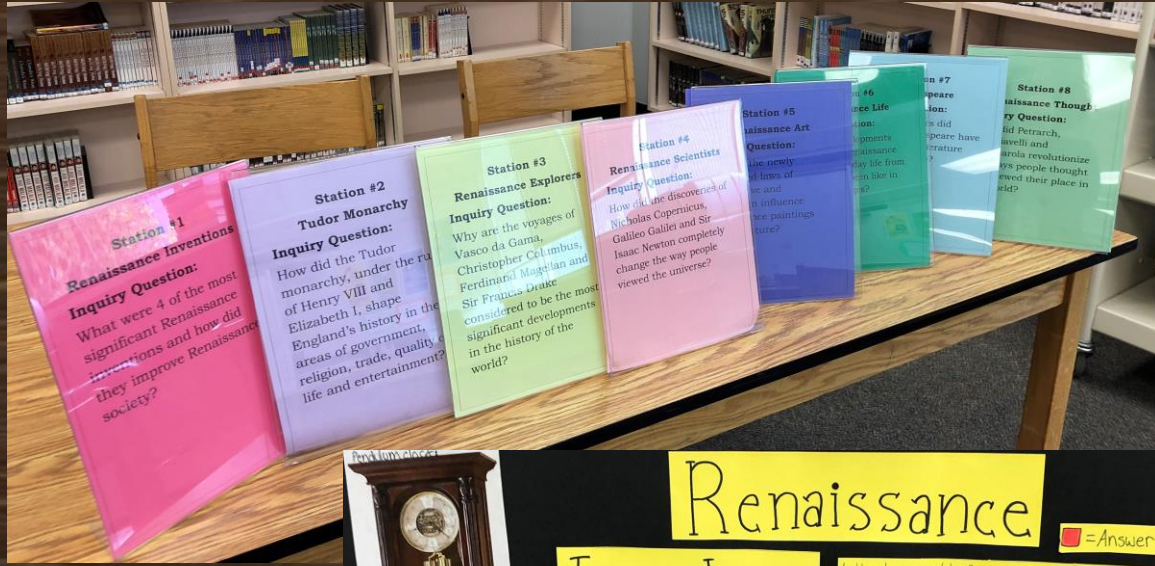


## New Print Resources

Dozens of new reader friendly resources have been added to support the new curriculum, as well as the general collection. The photos represents only a portion of the newly purchased print materials.



# Hatzic Middle School Library Learning Commons:



Collaborating with Science 8 & Socials 7 & 8 teachers:

1. **Guided Inquiry** – students choose from a list of inquiry questions and create research questions based on the main inquiry question

2. Focus on **how to ask good research questions**, take notes ( in point form, in their own words, 5-7 key words)

3. Students show their learning in the form of a **visual with 10 text features** –moving away from the traditional poster assignment that is usually just a copy & paste from the internet

4. Students had to decide **which text features would best communicate their research findings** in response to their chosen inquiry question

# Hatzic Middle School :

## Inquiry Research assignment:

## Earthquakes & Volcanoes

### Main question:


How devastating can volcanoes or earthquakes be? Students then chose from a list of volcanic eruptions & earthquakes ( historical & current).

With the curriculum funds, purchased this set of new books for students to use.

### How Devastating was The 1985 Nevado Del Ruiz Eruption


**Time Line**

- 1595 - large ash cloud formed in the sky making the town dark. Mud flowed down the valleys and rivers, death toll was near 600 people.
- 1845 - Large earthquake triggered mudflow that followed the same path through the rivers as it did 300 years ago. Death toll est. over 1000.
- 1985 - Scientists noticed one year prior, increased activity. Many little eruptions from 1984-1985. The eruption destroyed the town of Armero and killed 23,000 of the 27,000 residents. Fourth worst volcanic disaster in the world.
- 2016 - Scientists noted increased activity/tremors. Two large ash plumes were real eased into the sky.



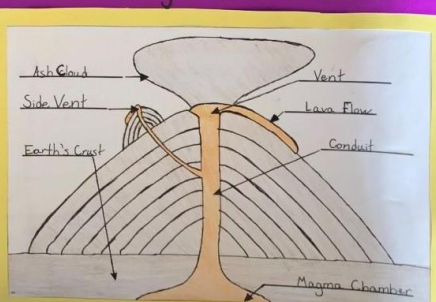
Nevado del Ruiz

| Mt. Vesuvius (Italy) | Krakatoa (Indonesia) | Nevado del Ruiz (Colombia) | Mt. Tambora (Indonesia) |
|----------------------|----------------------|----------------------------|-------------------------|
| • 79AD-16000+        | • 1883-36000         | • 1985-23000               | • 1815-71000            |
| • 1631-3360          | • 1790-437           | • 1845-Over 1000           |                         |
| • 1901-100           |                      | • 1595-Near 600            |                         |



Large cloud of smoke seen above Nevado del Ruiz in Colombia South America.

**Diagram of a Volcano**



The diagram labels the following parts: Ash Cloud, Side Vent, Earth's Crust, Vent, Lava Flow, Conduit, and Magma Chamber.

**Map of Colombia**

Map showing the location of Nevado del Ruiz, Bogotá, Nevado del Huila, and Galeras in Colombia. Neighboring countries include Venezuela, Ecuador, Peru, and Brazil. The Caribbean Sea and Pacific Ocean are also labeled. A 500 km scale bar is provided.

**Text Box: A volcano is a place on the Earth's surface where magma erupts from the deep underground. Above ground magma is called lava. So, it's like a mountain full of magma. The Earth's crust is about three miles or fifty kilometers thick where continents are about three miles or five kilometers thick under the oceans. Under the Earth's crust there is a layer called the mantle. It is partly composed of molten rock. A volcano is formed when molten rock or magma forces its way up through the Earth's crust.**

**Text Box: There are many different types of volcanoes. There are under water volcanoes, active volcanoes, shield volcanoes, cinder volcanoes, composite volcanoes, lava dome volcanoes, cinder volcanoes, ash volcanoes, explosive volcanoes, and dormant volcanoes.**

**Text Box: The difference between an explosive volcano and one that doesn't explode but still erupts, is the pressure difference. High pressure means that magma, or gas can't escape and that means it's more explosive. Low pressure means that magma, or gas can escape and that means it's less explosive.**

**Text Box: Volcanoes are mostly found along the Ring of Fire or destructive plate boundaries. Destructive plate boundaries are hot spots on the Earth's surface.**

**Text Box: Lots of different types of hazards can occur because of volcanic eruptions. Hazards like mudslides, avalanches, tsunamis, lahars, phreatic eruptions, pyroclastic eruptions, glaciers near summit, and tremors. It can also have cooling or heating effects.**

**Text Box: Bridges and homes destroyed, crops and water ruined, and even entire communities over-run with lava. These are all things that significantly affect the economy. Scientists have special tools like spectrometers, altimeters, sonographs, EDM, leveling, GPS and COMPECS so that they can learn more about volcanoes.**

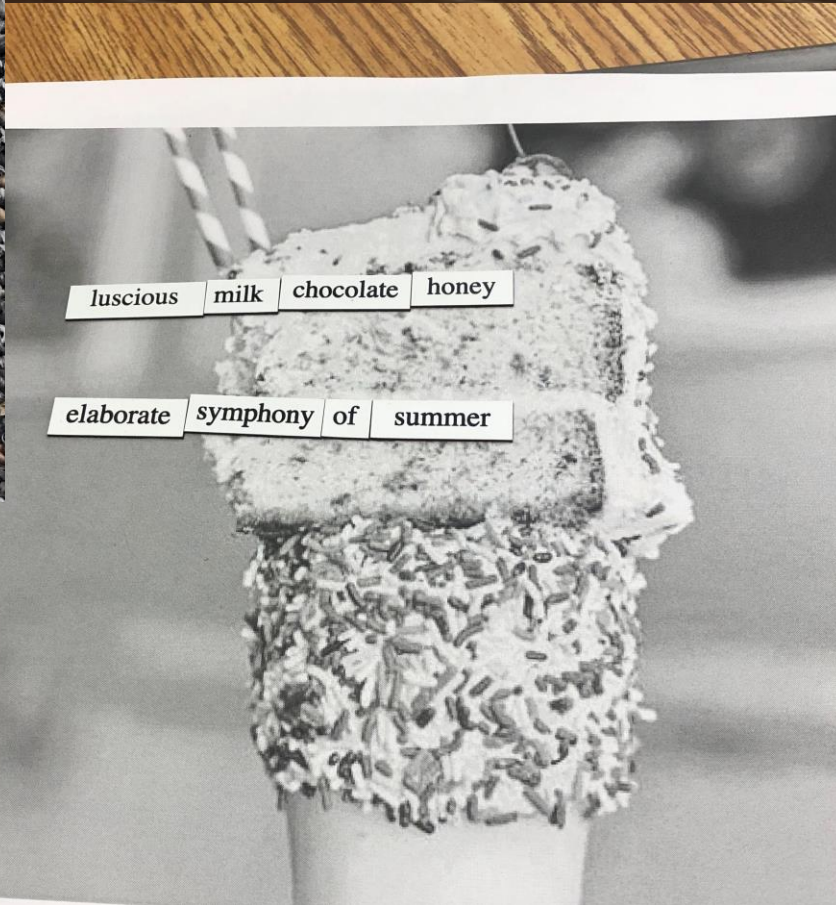
**Text Box: To predict when a volcano is going to erupt you must have the right tools and equipment. You could also investigate the volcanoes eruption history. Scientists use monitors that detect movement on cracks and the Earth's crust. They also measure gases and the angles of the slopes.**

**Text Box: There are a couple of things you could do to prepare for an eruption. First you should put together a kit with food, water, a battery powered radio, flashlights, and some extra batteries. Secondly, make an emergency plan. Thirdly, follow evacuation orders. Fourth thing is to avoid rivers, valleys and low lying areas.**

**Text Box: Nevado del Ruiz volcano erupted on November 13, 1985 in South America destroying the town of Armero in Colombia. The eruption of Nevado del Ruiz was very small, but it caused 23,000 deaths, pyroclastic flows, lahars, the glaciers near the summit melted, and a mudslide. It took the eruption killed 23,000 people. The eruption of Nevado del Ruiz was one of the most expensive volcanic eruptions. It cost one billion dollars to reconstruct.**



# Hatzic Middle School:



Collaborated with Eng. 7, 8 & 9 teachers on a poetry stations unit:

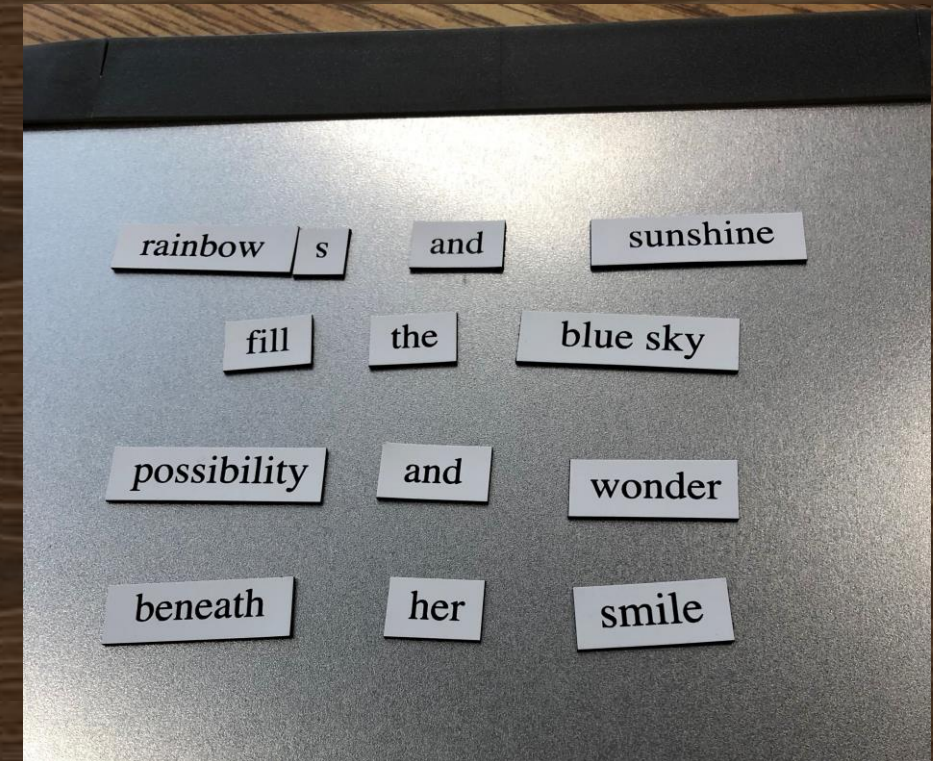
- Added to haikubes & magnetic poetry kits that were purchased with curriculum funds last year
- Students spent about 20 minutes at each station playing with language and having a lot of fun.

We are adding to the stations next year and will have a total of 6 stations that students can work through

# Hatzic Middle School:



Two boys in a  
gr. 7 class  
told me it was  
their best  
class ever 😊



# École Heritage Park Middle School Library



- **Budding artists** submitted miniature masterpieces for our annual bookmark contest.
- Enthusiastic writers created stories and poems for the **first ever writing competition**.
- As a member of the committee to select films, Ms. Schmor was delighted to have the **library act as a portal and major venue for the annual Film Festival**.
- Thanks to our PAC, we held our **first Scholastic Book Fair** this year which helped to bring in many more great books for the shelves.
- We continue to build on our much-loved **literature circle collections**; in fact, many students finish their first selections so quickly that they return for more, reading two or three books each unit.



When asked why they are frequent library patrons, **students say they love the graphic novel/manga collection, the SOGI materials, the contests, the large and varied selection and the warm, inviting environment.**

Classes have been in for **inquiry projects** ranging from **explorers and colonization**, to **natural disasters, Renaissance art, the holocaust, revolutions** and more.



# ESR Library: Arts Based Curriculum



- **Makerspace** challenges
- **Art Projects** with classes
  - Birdhouse building
  - Clay bison, owls, bowls, candle holders, and more
  - Mural work for Cultural week





## “Book Tasting” Library Event

# ESR cont'd

### Additional supports include:

- iPad support
- Fiction and Non-fiction Reading Power
- Cross Stitch
- My Blueprint All About Me
- First Nations Beading support
- Research, note taking, and bibliography skills
- ERAC Databases
- Quilt Project
- Journal writing with K's
- Genius Hour Support







# École Mission Central Library



Collaboration time was used to raise salmon, grow seedlings for our community garden plots, and work with our Kindergartens, Grade ones and twos on Joyful Literacy blitzing.

# Hatzic Elementary

## CURRICULUM SUPPORT AT HATZIC ELEMENTARY 2018/2019

- INTRODUCED STAFF AND STUDENTS TO DESTINY DISCOVER
- COLLABORATED ON CODING WITH DIV. 1
- REVAMPED AND EXPANDED INDIGENOUS PEOPLES OF NORTH AMERICA COLLECTION
- TEACHER COLLECTION UPDATED
- CONTINUED TO WORK WITH STUDENTS TO USE ONLINE DATA BASES
- GRADE 4 TO 6 DIGITAL LITERACY
- CHRISTMAS CONCERT



# Introduced staff and students to Destiny Discover

Both students and staff are enjoying being able to sign into to Discovery to see what they have checked out, find something new and place holds on those popular titles.

The screenshot shows a mobile browser view of the Destiny Discover website. At the top, the browser address bar shows 'search.folettsoftware.com'. Below the browser, there are navigation links for 'RBC Royal Line Banking', 'Hatzic calendar', 'Uvic', 'Music', 'Google', 'Library', 'Uvic', 'NCTE User Login', 'McGee & Richgels\_92', 'Food', and 'Layout 1'. The main header of the website includes the 'Destiny Discover' logo, a search bar, and a 'Log In' button. The main content area is titled 'Welcome to Hatzic Elementary School' and features two sections: 'Popular Titles' and 'Recently Added Books'. The 'Popular Titles' section displays five book covers: 'Dog man', 'Double Down', 'Storm warning', 'Bird & Squirrel all tangled up', and 'Weird but true 10 : 350 outrageo...'. The 'Recently Added Books' section displays five book covers, including 'The Boy Who Swam to America' and 'The Boy Who Swam to America'. A 'See All' link is visible to the right of each section. A vertical green button labeled 'Help Us Improve' is located on the right side of the page.

## Collaborated on coding with Div. 1

**Scratch Jr.** – Students created their own mazes.



**Scratch 2 in combination with Makey, Makey** – Students learned to code a character to move in four directions, make sounds and connected Makey, Makey to control the character.

**Sphero Education App** – Students worked through Draw 1 and Blocks 1 lessons with Sphero robots.



## Teacher collection updated

The Teacher's Collection, which included books for the Reading Power Program, was enlarged to add picture books relating to the Core Competencies: Thinking, Communication and Personal and Social. Also added were books related to Mindfulness and Writing Power.



## Revamped and expanded the Indigenous Peoples of Canada Collection

Many new titles were added to the collection to help support the new curriculum. Some of the new titles are also connected to the Core Competencies. The Fiddle Dancer trilogy by Wilfred Burton was a great addition to the collection and supported the Metis Jigging workshop. All the students in the school were given Metis Jigging lessons in the gym.





# INDIGENOUS PEOPLES OF CANADA GIANT FLOOR MAP



**Silverdalelibrary** @SilverdaleLib · 10 Nov 2018

Feeling incredibly grateful for the opportunity to learn and prepare lessons for our students on and around the @NatGeoEducation Indigenous Peoples Atlas of Canada Giant Floor Map right here at #SilverdaleElementary #mpsd #collaborationday #PowerfulLearning



**Silverdalelibrary** @SilverdaleLib · 18 Nov 2018

All classes on the @NatGeoEducation Indigenous Peoples of Canada Giant Floor Map #PowerfulLearning #SilverdaleElementary #mpsd #IndigAtlas





# SALMONIDS IN THE CLASSROOM

**Silverdalelibrary** @SilverdaleLib · Jan 17  
@SilverdaleLib is now the temporary home to 55 chum salmon eggs! We are so excited to witness their development over the next couple months!  
[#salmonlifecycle](#) [#salmonidsintheclassroom](#)



0:08 62 views


**Silverdalelibrary** @SilverdaleLib · Feb 12  
Our [#chumsalmon](#) have started to hatch @SilverdaleLib! So eggcited to show our students and see how many more have hatched by tomorrow!  
[#salmonidsintheclassroom](#) [#scienceinthelibrary](#) [#SD75](#)



**Silverdalelibrary** @SilverdaleLib · Mar 14  
It was pretty thrilling to see all this action in our salmon tank this week! Our alevins are growing up and will be swim up fry soon [#chumsalmon](#)  
[#salmonidsintheclassroom](#) [#scienceinthelibrary](#) [#sd75](#)



**Silverdalelibrary** @SilverdaleLib · Apr 9  
These swim-up fry are almost ready for release, what an incredible learning experience this has been! [#salmonidsintheclassroom](#) [#chumsalmon](#)  
[#scienceinthelibrary](#) [#sd75](#)



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**Silverdalelibrary** @SilverdaleLib · Apr 12  
We could not have asked for a more beautiful day to release our [#chumsalmon](#) at [#Silverdale](#) Creek Wetlands! [#EcoLearning](#) [#EnvironmentalStewardship](#)  
[#Salmonidsintheclassroom](#)







# TECH INTEGRATION

- Provided ID tags for all students' school wide that include Student ID numbers and personal my blueprint QR codes (for primary students) to facilitate and streamline classroom use of district supported applications and devices
- Collaborated and provided individual and group support to teachers on how to use and incorporate tech into their teaching practices
- Co- taught and co-planned lessons that integrate technology





# RESOURCE & INSTRUCTIONAL SUPPORT

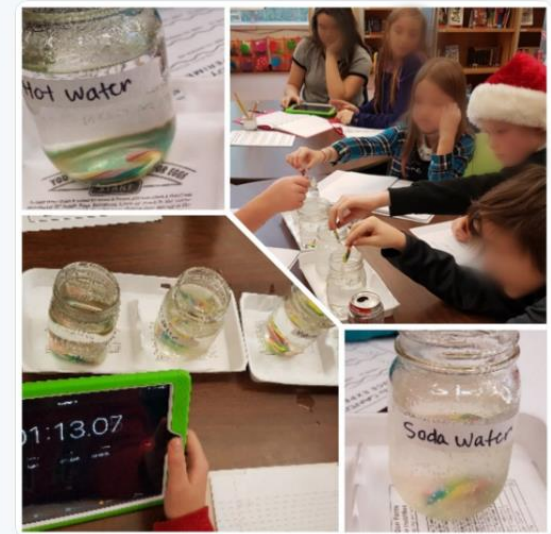
- Submitted a proposal to our PAC that was granted to gain additional funding to purchase new non-fiction resources that support BCs updated curriculum
- Shared new resources through a variety of methods including:
  - classroom delivery for requested resources
  - 'Fresh Express Cart' in the staffroom
  - book displays in the library
  - Presentations at staff meetings, twitter, email
- Stayed connected to each classrooms current curricular needs with regular visits and curricular support forms
- Co- taught and co-planned classroom projects as well as implemented activities in the library that are extensions of classroom learning
- Modelled the use of teaching strategies that promote inquiry and project-based learning.



Silverdalelibrary @SilverdaleLib · 20 Dec 2018  
Putting the finishing touches on our "My Family" art cards inspired by this beautiful @saraoleary & @qinleng book! #makingConnections #FamiliesComeInAllShapesAndSizes #mpsd #SilverdaleElementary



Silverdalelibrary @SilverdaleLib · 20 Dec 2018  
Which liquid - vinegar, soda water, cold water or hot water - will dissolve a candy cane faster and why? #MakingPredictions #TestingHypotheses #funwithscience #STEM #SilverdaleElementary #mpsd



Silverdalelibrary @SilverdaleLib · 27 Nov 2018  
Stunning new non-fiction picture books @SilverdaleLib about the hidden worlds that exists over and under us! #newbooks #earthscience #PictureBookMonth



# West Heights Community School



Joyful Literacy



Early Readers

**SOGI, Core Curriculum resources and Indigenous Peoples of North America** resources and their uses continued to be highlighted and discussed at Staff meetings.

I organized and gave teachers a list of all the schools **Computational Thinking resources**. These were previously scattered throughout the school and many teachers were unaware of the resources that were available.

Gathered books from our collection and ordered more books recommended by The Ramped-Up Read-Aloud to support the teachers in implementing **Joyful Literacy**.

Primary teachers requesting guidance in the purchase of **Early Readers for the primary classes**. We spent collaboration time discussing options and uses.

Computational Thinking Resources



# Cherry Hill Elementary

