

ARTist
response team
COM
Presents

ROCK

the SALISH SEA

Tour 2019

FINAL REPORT

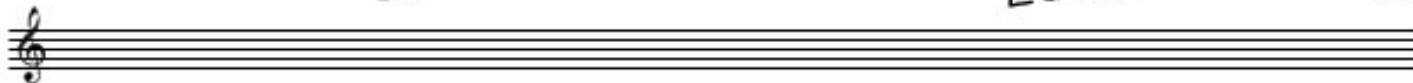
Queen Elizabeth School - New Westminster **Including Up Your Watershed concerts!**
Lord Nelson School - East Vancouver Conrad School - Prince Rupert
Old Yale School - Surrey Veritas School - Terrace
Trudeau School - South Vancouver Kildala School - Kitimat

Singing out for the sea among us!



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PH: 604.385.4667 FAX: 604.385.4669
EMAIL: artistresponseteam@shaw.ca
WEB: www.artistresponsteam.com

Music ~ Ecology ~ Entertainment
Education ~ Action!



July 19, 2019

**Tire Stewardship BC
BC Used Oil Management Association
Health Products Stewardship Association
Pacific Salmon Foundation**

Dear Sponsors,

Here is our Final Report for the Rock The Salish Sea! Tour 2019. This year's project morphed to include the Skeena Up Your Watershed! Tour when we were invited by the Skeena Watershed Conservation Coalition to come north. It became an opportunity to engage three more communities with the themes about reducing waste, a renewable energy future and protecting watersheds, oceans and habitats for wild Pacific salmon. Messages about recycling tires, used oil and antifreeze, returning medications for proper disposal and conserving wild Pacific salmon were delivered in all projects—live at the rehearsals and concerts, and in the souvenir concert programs.

Eight communities and schools

March 4-7	New Westminster	Queen Elizabeth Elementary
March 11-14	Vancouver	Lord Nelson Elementary
April 8-10	Prince Rupert	Conrad Elementary
April 11-15	Terrace	Veritas Elementary
April 16-18	Kitimat	Kildala Elementary
May 6-9	Surrey	Old Yale Elementary
June 3-6	Vancouver	Trudeau Elementary
Nov 18-21	Brentwood Bay	Lau'Welnew Tribal School (to be completed)

Over 2500 students, 165 staff members and 5,000 family members involved!

School	# of Students	# of Staff	# of Family Members	
Queen Elizabeth	439	29	878	1346
Lord Nelson	450	30	900	1380
Conrad	300	20	600	920
Veritas	175	12	350	537
Kildala	225	15	450	690
Old Yale	450	30	900	1380
Trudeau	230	15	460	705
Lau'Welnew	250	16	500	766
TOTALS	2519	167	5038	7724

But numbers only tell part of the story. The heart and soul of this project is when the family members all jam into the theatre or gym or church and the children sing their hearts out for the Earth.

This [VIDEO](#) from the Skeena Tour captures the spirit beautifully.

Short [VIDEO](#) promo clip including some student song introductions.





Queen Elizabeth Elementary School

921 Salter Street, New Westminster, BC V3M 6G8
Phone 604.517.6080 Fax 604.517.6081

Principal: Mr. P. Manville

To Whom it May Concern,

The Artist Response Team of Holly Arntzen and Kevin Wright brought the Rock the Salish Sea tour to Queen Elizabeth Elementary School in March 2019. Students had the opportunity to work alongside professional musicians and produce a polished performance that our community has since raved about. "Best concert in 10 years at this school" one parent said as she left the auditorium.

As we set out in January 2019 to learn the songs and engage in classroom activities that supported the message of the tour - ecology and education - Kevin and Holly's professionalism shone. Our staff and students quickly saw how well the music and accompanying curricular materials were organized and delivered. The Salish Sea Program aligns perfectly with BC's redesigned curriculum and the explicit instruction of the core competencies: Critical Thinking, Communication and Personal Social Responsibility. Classrooms engaged in a variety of activities from watershed stewardship to preservation of animal habitats that helped them make rich and authentic connections to the curriculum which was then celebrated through music and song. The chorus "Voices of Nature" could be heard and felt as it permeated our hallways on a daily basis with classrooms practicing and preparing for our March 7th performance. We also had the pleasure of working with Jenny Arntzen on several initiatives including digital stories and a classroom blog to communicate student learning and understandings.

School wide performances can often be daunting tasks to organize and deliver. The logistical details of securing venues that accommodate an entire school community to managing practice times and schedules can sometimes bring on anxiety and frustration within a school. We were thrilled that the experience we had with the Rock the Salish Sea tour and the team of Holly and Kevin were quite the opposite. The intense in-residence portion the week of the concert, where the team works daily with students to prepare and polish the show, was seen by all as an opportunity to come together and celebrate what we had learned and why. The entire school performing in the gymnasium, alongside professional musicians, brought chills as the entire building was filled with song. It was a very special moment that I will never forget.

Holly and Kevin brought ecology, understandings around environmental stewardship and our personal roles to protect our oceans to our school. More importantly they also brought joy, pride and optimism to our community that we can make a difference together. They delivered key



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messages educating our community about Pacific Coastal Salmon habitats, responsible recycling of tires and motor oil, and disposal of unused or expired medications. Our students have extended their learning to become more aware of themselves as consumers. In an age where electronics are manufactured and purchased at ever increasing rates our students posed questions like "How much is enough?", and "How do we use new technologies best yet still be responsible consumers reducing, reusing and recycling without adding to our waste and landfills?".

The Artist Response Team had a profound impact on our school culture and greater community that will be felt for years to come. I highly recommend schools consider the Rock the Salish Sea tour and encourage more sponsors to step up and support this amazing opportunity. Together we CAN and ARE making a difference. We are grateful to the Artist Response Team for providing the opportunity to share that important message with our community.

Paul Manville
Principal
Queen Elizabeth Elementary School
New Westminster



Emails to the Principal from Queen Elizabeth parents

Hi Queen Elizabeth Elementary staff,

My family wants to express how much we enjoyed the Spring Concert that the whole school participated in. It was an absolutely amazing performance, with incredibly talented musicians in the lead, and great organization on your side. The songs were beautiful and powerful, and the way the children performed was very touching. It made us very proud to be an environmentally conscientious family, doing constant recycling and reusing. This event is a great reminder to adults, and hopefully some more people will start teaching their kids by the example to make the best choices for the nature.

Thank you again to you and to the musicians who were so patient working with young children.

Best regards,

AND

Just wanted to say how amazing the Spring concert was! Having the whole school on stage at once was quite breathtaking. The band was very engaging and they had obviously worked very well with the students to be able to deliver a concert of that length. It was no doubt a lot of work for the staff but the payoff was a wonderful experience. The venue seemed to be a great fit. Thanks for putting that on!

AND

What a fantastic night!! Very grateful for the opportunity to watch the performance and see all the students really come together! Thank you, thank you, thank you for your time and energy and patience with the students!! So glad these kids have such a cool memory to hold dear!!!!



LORD NELSON ELEMENTARY SCHOOL
2235 Kitchener Street, Vancouver B.C. V5L 2W9
Tel: 604-713-4595 Email: nelson@vsb.bc.ca
Website: <http://go.vsb.bc.ca/schools/nelson>

March 15, 2019

Dear Kevin and Holly, and the Wilds Band,

Lord Nelson Elementary School students had the privilege to work with you to create the Rock the Salish concert. You worked your magic to pull the students together in environmental song and actions for a final performance that really rocked the auditorium. The school community and their families and friends thoroughly enjoyed the music performance and the messages in the songs, many lining up to purchase your wonderful music so the songs could be heard at home.

Your compositions that brilliantly connected environmental science and music together were captivating for the students and they enjoyed singing the songs. These environmental messages have profound importance for elementary students as they will be the stewards of the earth in the future. Weaving these messages through music and into the studies in the classroom reinforced the meaning.

Thank you for providing time at the beginning of the concert for an Aboriginal acknowledgement and song. The grade 7 Nelson student is already an amazing singer and drummer and the power of her voice was demonstrated in her women's song.

On behalf of the Lord Nelson staff, students and their families, we truly appreciated your Rock the Salish musical involvement in the school.

Sincerely,

Gail Marlow
Principal (Interim)

Dear Sponsor,

As a teacher at Lord Nelson, I just want to pass on how impressed I was with Holly and Kevin's residency at our school. They managed to prepare a large group of kids for a wonderful performance, with great positivity and enthusiasm. Such awesome role-models! Many of the students reported that it was their favourite week of school so far! The show was very well received by the parents and was a great way to spread important environmental messages to the community.

Thanks for supporting the arts in schools,

Imelda Farrell

Lord Nelson Elementary

PIERRE ELLIOTT TRUDEAU ELEMENTARY
449 East 62nd
Vancouver, B.C. V5X 2G2
Tel: 604-713-4837

June 18, 2019

Holly Arntzen and Kevin Wright
Artist Response Team

Dear Holly and Kevin,

On behalf of the Staff, Students and Parents of Trudeau Elementary School I would like to pass along a letter of thanks for the amazing performance we were able to provide to our community due to your working with our school. Over the past three and a half months the community has had the wonderful opportunity to learn about the environment, and more specifically the ocean, and what we can do to help protect this valuable resource.

The program brought the whole community together and, not only did the teachers and students work together to learn about trying to protect the environment, but we were able to share this with parents in a way that was engaging, providing resources and information for them to apply in their own homes. We wholeheartedly agree with Kevin that "when the kids take things to heart, the parents do as well".

We would also like to convey our deepest appreciation to the sponsors, Tire Stewardship BC, Medications Returns, BC used Oil Manufacturers Association, and the Pacific Salmon Foundation, who provided the grants to make this all possible. We could not have done it without them.

Once again, thank you so much for sharing your time and talents with our whole school community. It was an experience we will not forget!

With appreciation, on behalf of the Trudeau Elementary School Community,



Angela Hughes
Principal



CONRAD ELEMENTARY SCHOOL

825 Conrad Street PO BOX 520
Prince Rupert, B.C. V8J 3B8

Phone: (250) 624-4935
Fax: (250) 627-4164

May 21, 2019

Shannon McPhail, Executive Director
Skeena Watershed Conservation Coalition

To Shannon,

I am writing this letter to explain the effects that Up your Watershed has had at Conrad School. We were one of the fortunate schools chosen to have Holly Arntzen and Kevin Wright perform with our students on April 8-10 and the effects that the concert has left at our school was powerful and amazing. The awareness that has brought to our school about the Watershed and its importance are incredible, that we are still singing the songs today. Since the concert we have incorporated a school compost, released salmon, created an outdoor classroom, refreshed our garden beds, and students have shown more interest and enthusiasm in recycling and taking care of the environment.

Here are some thoughts from staff members on the presentation:

- Brought awareness to our earth/air/seas
- Taught us how work together as a large group
- Really taught us family values and the importance of cooperation.
- I especially love how it showcased our Staff at Conrad and how much we care about all of our students.
- For me being a part of the watershed concert as a whole school was powerful.... I could feel the energy in the room vibrating out of all of us, we just knew that we were a part of something so important that we all had to work together on.
- I've also seen the spark it lit in my students in terms of wanting to learn more about their part in taking care of the environment, we have had such rich conversations and on a daily basis they are more aware of their "footprint", we all are!
- What an authentic way to remind us to turn to the First Peoples Principles... and the teachings of our elders.... as these are the ways of living that they have always practiced!
- Learning words through music is powerful, I am friends with a high school student who learned some of the Watershed songs when she went to Conrad. She loved them and still remembers them to this day.
- Recently we invited another class into our classroom and we sang the songs about composting which reinforced what they are doing with the outdoor classroom.
- Our school front flower garden looks great. The planter boxes around the school are another spin-off from learning the things we did in Up Your Watershed.

- In the coming week, I would like to take my students on a field trip to do some shallow stream clean up so we can be Urban miners like we learned about in Up Your Watershed.
- Our class tied it into learning about the salmon life cycle and visiting the fish hatchery.
- There were so many places we learned about taking care of our environment that have overlapped with the curriculum we are covering.
- Our class is going to plant a garden this week which is also an overlap of the learning we had through Up Your Watershed.
- As a school, it brought us together through music and a short-term purpose.
- Staff worked together to support students in the gym and in class to learn the lyrics and actions that were in the songs.
- It was a great team effort and I was glad I could play a leading role.
- The intermediate students went to the Whalefest community event and were asked about the salmon and the students broke out in song. They sang "Long live the Kings" from Up Your Watershed and it brought tears to the people they sang to. They were so impressed about how much information the students knew about salmon and the ocean.
- Great Learning
- Great Music
- Students are wanting to help the Environment
- Teaching children that they can make a difference to keep our world environment clean
- Networking as a staff and admin to put on a great concert
- Networking with band members from Vancouver to make sure things went well
- Parent appreciation for the music and learning that took place
- Parents and grandparents said it was the best concert they have attended and seen.
- Brought us together as a family

Conrad School has changed for the better because of this amazing concert. Thank you so much for choosing Conrad and giving our students, staff and families the opportunity to have this lovely experience.

If you have any questions or need any information from us at Conrad, please contact Kerri at 250-624-4935 or email kerri.levelton@sd52.bc.ca.

Sincerely.



Kerri Levelton
Principal of Conrad Elementary School



KILDALA ELEMENTARY SCHOOL

Columbia Avenue Kitimat BC V8C 1V7

Email: janelle.hittel@cmsd.bc.ca

Phone: 250.632.6194

June 2019

Kildala Elementary School had the honor and privilege of having Holly and Kevin of The Wilds, spend 3 days with us in April teaching us about the Skeena Watershed. I can honestly say that I wasn't sure what I had signed up for, but am sure glad I did! Holly and Kevin exceeded our expectations and put together an absolutely amazing show! Staff, parents and community members were absolutely blown away by the energy that was in the gym during the concert. The students sang their hearts out and were so engaged in the actions and the message around the whole event around sustainability and the environment. It was great to see the confidence shine through with some of the quieter ones.

This event allowed our school to come together as a team and work collaboratively around a common theme. Students were able to see how their actions could affect the environment and learned about how to do things in order to preserve it. They not only sang about it, but wrote pieces on it as well which were presented at the performance. We do not have a full time music specialist in our school, so this was a great opportunity to be able to bring music into our school, and have the students perform with musicians.

Also a huge thank you to the sponsors (the Skeena Watershed Conservation Coalition, Tire Stewardship BC, BC Used Oil Manufacturers Association, Medication Returns and the Pacific Salmon Foundation) for making this possible, without them Holly and Kevin wouldn't be able to visit all the communities they are able to!

If you ever get a chance to have Holly and Kevin come to your school, it is an excellent opportunity and the atmosphere they create by just being in the school is incredible. Highly recommended!

Janelle Hittel, Principal of Kildala Elementary

STUDENT SONG INTRODUCTIONS

Christine: Hi my name is Christine.

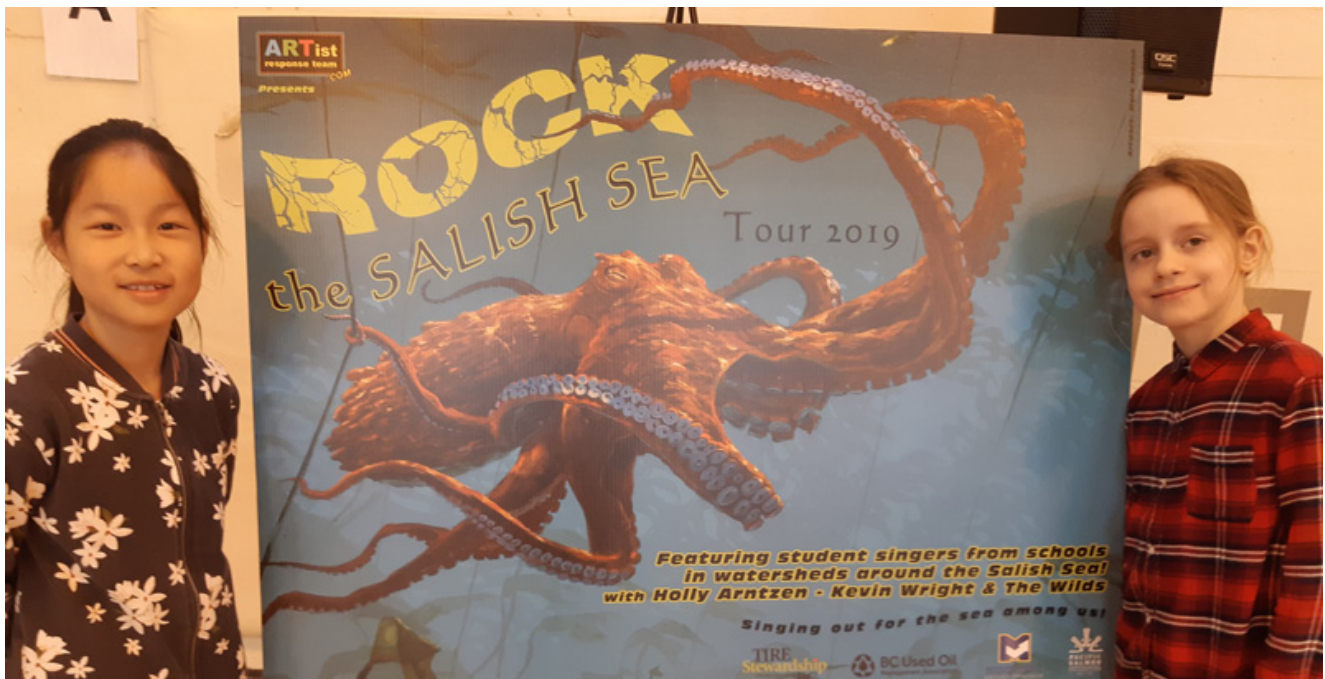
Selina: And my name is Selina.

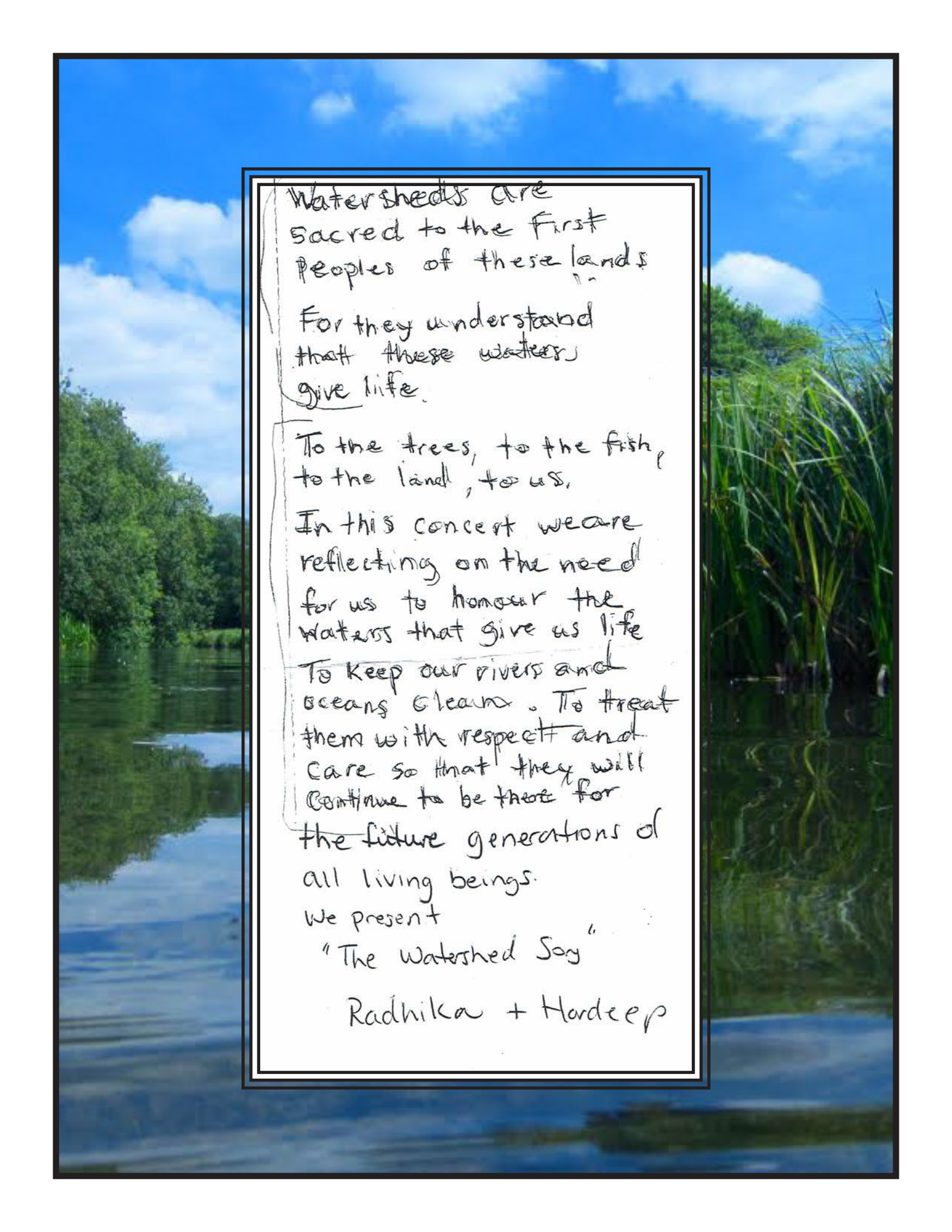
Christine: The next song is called Urban Mining. This song reminds us to reuse and recycle. Putting things in the trash fills our landfills and is harmful to the earth.

Selina: What you think is garbage is often very precious and valuable. Did you know there is more gold contained in our electronics then there is left to mine out of the earth?

Christine: It takes a lot of energy to make new things. The more we reuse and recycle the less we have to take from the earth which ensures these valuable resources will be around for future generations.

Selina: We can help the earth by recycling phones, computers, tires, game consoles, used oil and antifreeze, electronic devices and so much more. Let's rethink how we can make things last or find creative ways to reuse them.





Watersheds are
Sacred to the First
Peoples of these lands

For they understand
that these waters
give life.

To the trees, to the fish,
to the land, to us.

In this concert we are
reflecting on the need
for us to honour the
waters that give us life

To keep our rivers and
oceans gleam. To treat
them with respect and
care so that they will
continue to be there for
the future generations of
all living beings.

We present

"The Watershed Song"

Radhika + Hardeep

Hello everyone. I'm Keira.

The Song "Salish Sea" sings about the well being of the Salish sea. I think Holly and Kevin are passionate about this topic because they care very much about all the creatures that live in the sea and they want us to help the environment too. In this song I have learned that many animals are being harmed by humans. There are many reasons why we should take care of the Salish sea and the oceans, for example the ocean provides us with oxygen, food, and a beautiful site. You might ask yourself, what can I do? How can I make a difference? Let me tell you something, big change starts small, and here are some things that you do to keep our oceans clean. One, recycle things that can be recycled. Two, try and reuse old stuff like clothes and ^{lastly} don't litter. In conclusion, we need to take better care of our earth, and in order to do that we need to reduce the amount of pollution that we are creating!

Thank you,



The Sea Among Us-Part 2

The Sea Among Us is a song written by Holly Artzen and Kevin Wright. The main focus of this song is to send the message that we should all love the ocean. We should all protect it and nourish it because we care about it. The ocean is a crucial spiritual, physical, and survival part of our life. We all are connected to the ocean as we flow with our waves of emotion, can change to big or small. We must learn, but the ocean because when we do, we will understand, then we come to love it. When we love something we will protect it. Our actions are slowly ruining that connection, though, *The Sea Among Us* is teaching us, line by line, that we must establish, refine, and save our oceans.



Long Live the Kings

By Paneet

Climate change is impacting salmon in a dangerous way and we need to try and stop it. Chinook salmon would weigh about 100 pounds in the early 1900s, but now they weigh only 30-40 pounds. That is a really big difference in just over 100 years. Herring is the chinook salmon's main food. Herring help the big salmon to sustain their growth, but now there are less and less herring in the Salish Sea. Why is this all happening? Because of people and climate change, which is a big problem for salmon because they are losing their homes. People are also a big part of the decrease in salmon because they throw medication and garbage away and the salmon eat it thinking it is food. Why should this bother you? Why should you care? This is important because Chinook are food for orcas and other animals, and if they don't eat they will die. How can you help? Throw your garbage and medication away properly. All these little steps help and we don't have long to make a change.

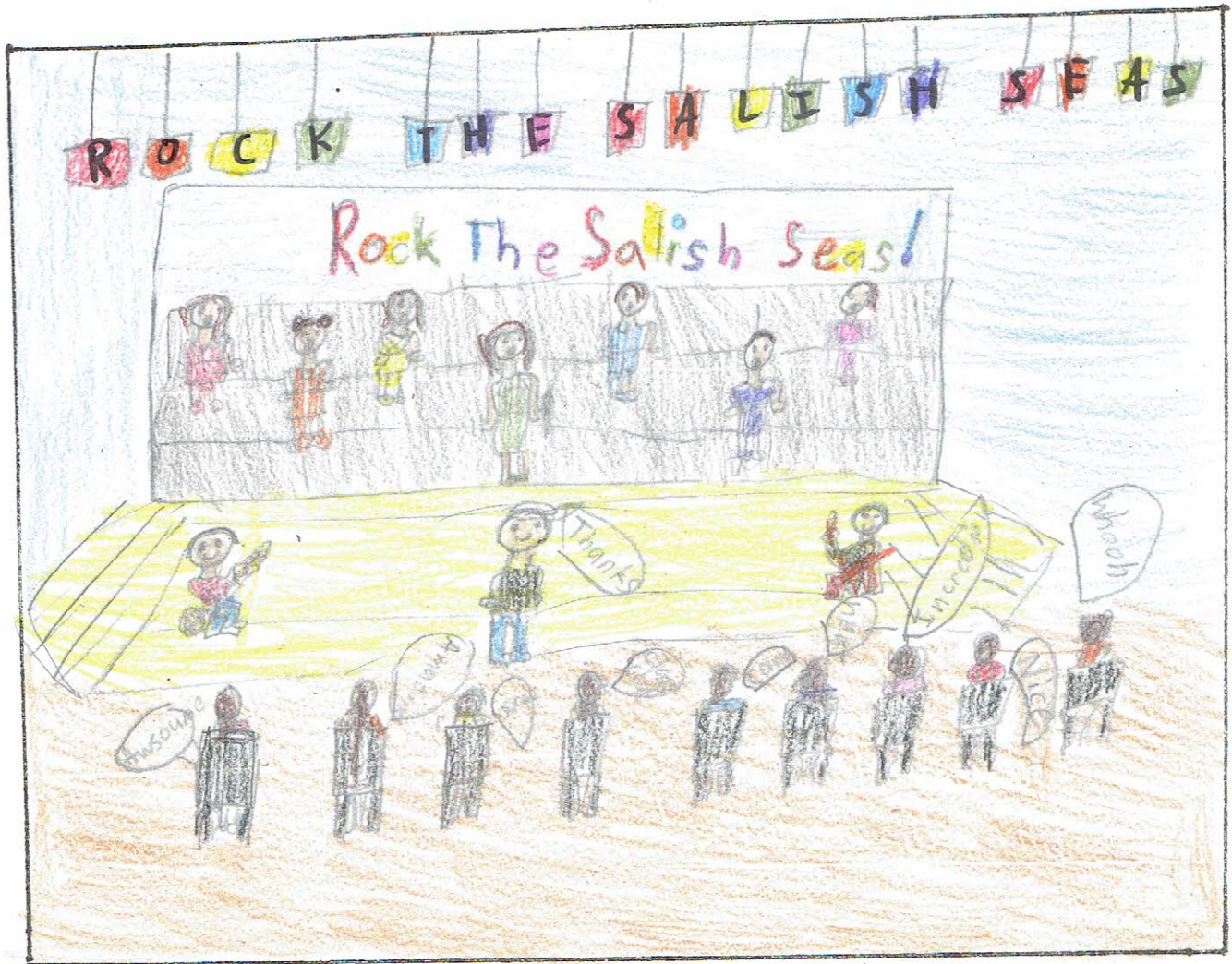


STUDENT THANK YOUS

Div 12. Michaël



I love your songs Holly and Kevin
 I like Life cycle dance, Watershed songs
 and Big change start's small. We need
 to reuse, reduce and recycle.
 We help the earth and be thankful for
 the world. Please make the world to
 be a happier place. thank yous Holly
 and Kevin. all your read
from: Michaël



Thank you Holly, Kevin, Nathen and
Andreas for the wonderful performance.
My favourite song was Long Live The Kings
and my favourite part of the song was the
chorus. I have learned that we need to
keep our environment clean and healthy. I will

help the earth by picking up garbage and
another way I can help the earth is by
reduce, reuse and recycle paper and card-
board. Once again thank you Holly, Kevin,
Nathan and Andreas for all the hard
work you have done to make this performa-
nce the best one!

Rock The Salish Sea



Holly, Kevin, Andreas, Nathan

My favourite song is long live the kings
because people are over fishing there are not many fish left. My
favourite part was when we sang the chorus. What I
learned is not to litter on our environment and

pick up litter. I hope you guys come back next year.
10. Holly and Kevin

Sincerely,
Lareina
Grade 3 Div. 10

DIGITAL STORY TELLING/STUDENT BLOGS

DIGITAL STORYTELLING PILOT PROJECT

For the first time, we implemented a prototype digital storytelling component in two elementary schools this spring: Lord Nelson Elementary and Queen Elizabeth Elementary. This work was conducted by Dr. Jenny Arntzen of Pears Strategic Consulting. Our objective was to share the students' learning about reducing waste, protecting watersheds and oceans and conserving wild salmon "beyond the school walls."

Key factors for digital storytelling the Rock the Salish Sea Program in an elementary school setting are: 1) digital infrastructure (do they have the resources they need to get student work online); 2) teacher skill and experience with digital technologies (is blogging a regular part of their teaching practice); and 3) teacher engagement with the curriculum provided by the Rock the Salish Sea Program. Topline results from our work this spring:

Students were able to get online using edublogs and set up their own blogs to demonstrate what they learned during the Rock the Salish Sea Program. Ms. Cook's class at Lord Nelson Elementary had the best results in this regard. We set up 27 student blogs. Students posted a total of 107 blog posts for an average of 4 blog posts each. The students commented on each others' blog posts 69 times. All the content they produced was in response to learning activities from the Rock the Salish Sea curriculum.

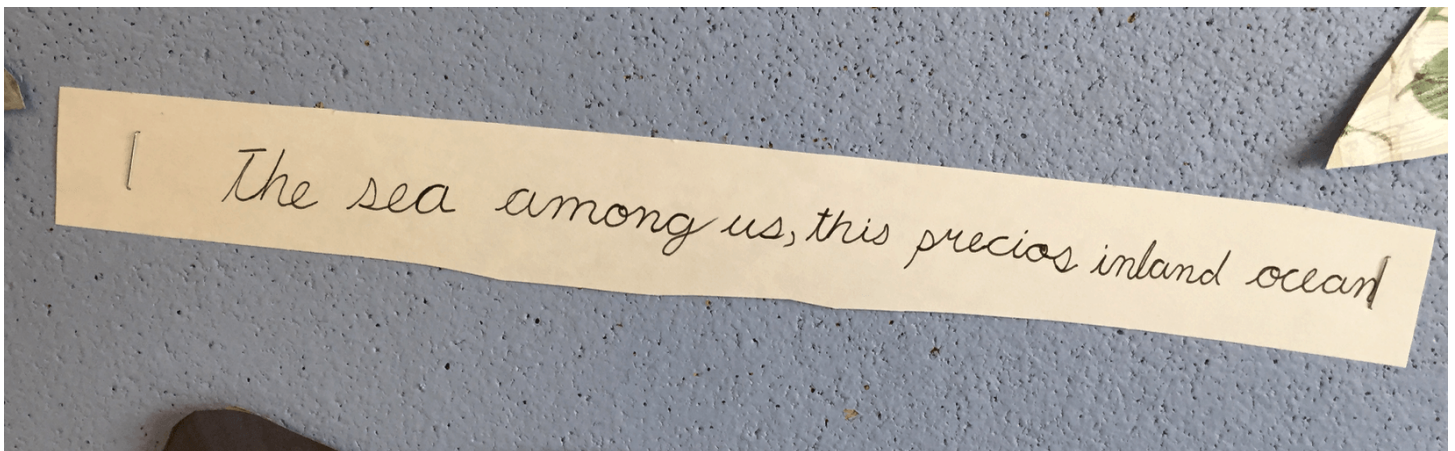
Check out these amazing student blogs

<http://lordnelsondiv5digitalstorytelling.edublogs.org>

The content of the students' blog posts were based on instruction from Ms. Cook from the Rock the Salish Sea curriculum (singing and handbooks) and digital literacy curriculum from the Ministry of BC digital learning frameworks.

Please note - Ms. Cook had never blogged before with her class. The entire class was learning to use blogs for communication for the first time.

To see the full report, see the end of this document.



ARTist
response team
Presents

ROCK

the SALISH SEA
Tour 2019

with **Holly Arntzen & Kevin Wright**
and the Wilds Band

featuring the singers from
Queen Elizabeth Elementary

Thurs. Mar. 7

Doors 6:30 - Show 7pm

Bethany Baptist Church
22680 Westminster Hwy

Tickets \$5 available at
School Cash Online

Singing out for the sea among us!

Artwork: Mark Hobson

TIRE
Stewardship
BC

 **BC Used Oil**
Management Association

 **PACIFIC**
SALMON
FOUNDATION
psf.ca

 **MEDICATIONS**
RETURN PROGRAM

SOLAR ANGEL

Holly Arntzen/Kevin Wright

CHORUS

Solar angel lights up the sky
Ancient starlight streaming on high
Power together, sun, wind and tide
Solar angel... energy is life

Each year is the hottest ever
Nature's going crazy, so is the weather
Wildfires, floods, droughts and hurricanes

Sea level rising, fish in the streets
Failing crops, climate refugees
Age-old rhythm of seasons being changed

CHORUS

Can you imagine a greater freedom?
We're restoring the garden of Eden
I believe in this renewable revolution

We have a dream and it's attainable
If it ain't fun it's not sustainable **
Come on people now – lend your hand to
solutions

CHORUS
CHORUS

**With thanks to Guy Dauncey for kind
permission to use this line.
Visit www.earthfuture.com for great
information about a sustainable energy future.

The Wilds:

Holly Arntzen - vocals/dulcimer/keyboards

Kevin Wright - vocals/cajon/congas

Andreas Schuld - guitar

Nathen Aswell - bass

Produced by



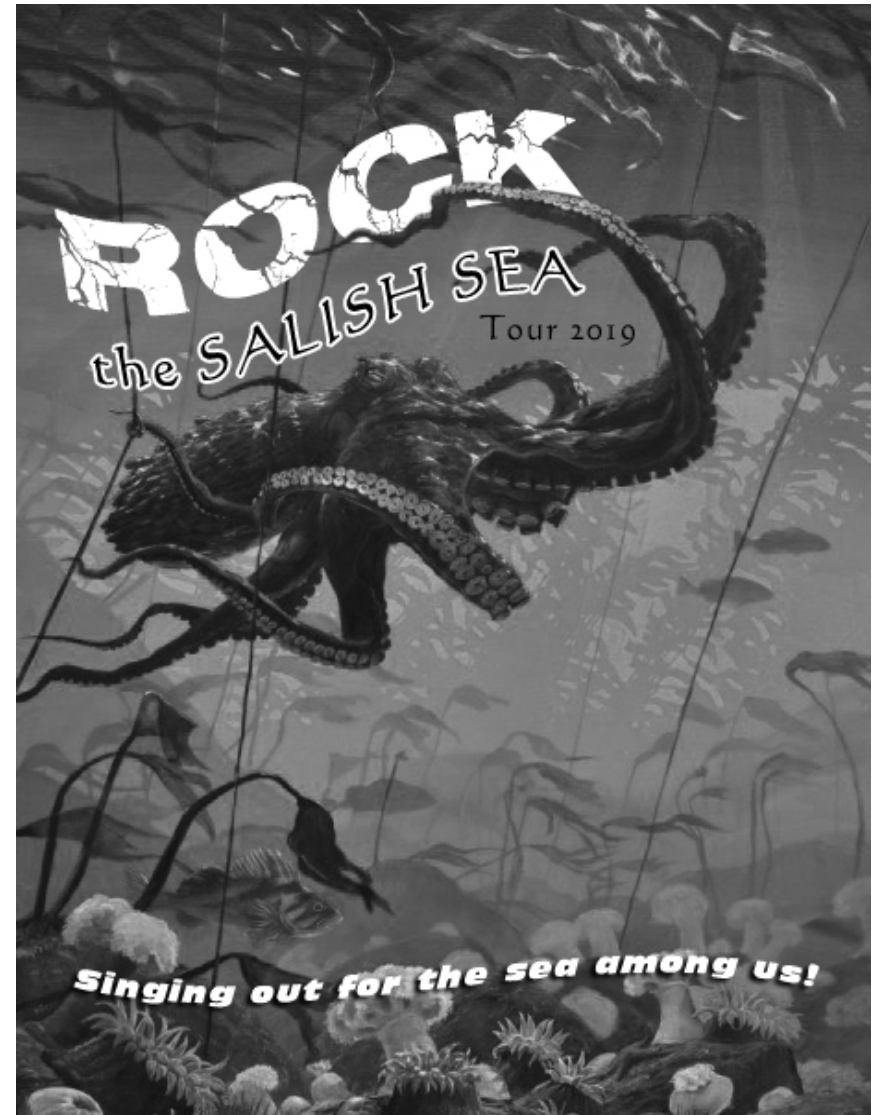
Illustrations by Donald Gunn

Cover artwork - Free Falling by Mark Hobson

Special thanks to:

Lisa Jamieson and staff at Old Yale School for their work in preparing for this concert and to the student singers who worked so hard to learn, rehearse and perform the songs with us! You guys rock!!!

Tour sponsors



**Featuring the singers from
Old Yale School
Holly Arntzen - Kevin Wright
& The Wilds**

May 8 & 9, 2019



We dedicate the Rock the Salish Sea! Tour to...

...the beautiful watersheds that we call home, who's rivers and streams drain into the Salish Sea; by being good watershed stewards we all help to protect our inland ocean; ...the schools and inspired teachers who supported their

students learning songs over many weeks, and brought them here to sing for you tonight; ...the community groups and dedicated people who work so hard to restore habitats; we encourage you to support, and get involved in, their vital work that nurtures biodiversity and wildlife.

The name "Salish Sea" refers to the Strait of Georgia (in Canada), and Puget Sound and Strait of Juan de Fuca (in the United States). The birds, fish and plants don't observe international boundaries; they move freely wherever they need to go, to find food and breed. In order to protect their habitats we must work together to protect the entire inland sea. The Sea is historically defined by the language boundaries of the Salish-speaking Indigenous peoples who have occupied this region for thousands of years.

The Rock The Salish Sea! Concert Series is in its fourth year of putting tens of thousands of students in a leadership role to inspire their family and community members to protect this amazing ecological treasure, the Salish Sea.

Through these programs we are connecting communities. We can make a difference... for the Salish Sea and the world, through education, outreach and conservation. We can do this. It is not an impossible dream. Everyone lives in a watershed! Thank you for being here!



Health Product Stewardship Association (HPSA) is a national not-for-profit association dedicated to the safe management and responsible disposal of Consumer Health Products.

Keeping easily accessible medications around the house and improper disposal (flushing, pouring down the drain or throwing in the trash) of medications and other health products puts family members, children and pets at risk of being harm and has potential harmful effects on the environment. HPSA's BC Medications Return Program helps keep these materials out of our natural environment (landfills, ground and surface water, etc.) by properly disposing of them.

Here in British Columbia, HPSA partners with over 1200 participating pharmacies as collection locations to offer a safe and convenient way to dispose of unwanted or expired medication that can be found in the home.

Together with you we will have a beneficial impact on our environment and keep our community safe! www.healthsteward.ca



The Pacific Salmon Foundation, founded in 1987, is a charitable organization with the mission to support salmon communities in their efforts, promote awareness of this keystone species, and guide the sustainable future of wild Pacific salmon and their habitats. Pacific salmonids in the wild in British Columbia and the Yukon Territory include seven species: **Sockeye, Pink, Chum, Coho, Chinook, Steelhead and Cutthroat trout.**

Image: Mark Hobson

Our Support

Rock The Salish Sea!

is an important initiative that PSF is proud to support. Education and outreach are essential tools to engage future stewards and help ensure the

legacy of wild Pacific salmon in Canada. While PSF has worked hard to raise the funds to build the science, in the longer term it's the people in communities around the Salish Sea that must protect these waters and the diversity of animals within it; including Pacific salmon.



BC Used Oil Management Association (BCUOMA) is a not-for-profit group dedicated to the collection and recycling of lubricating oil, oil filters and containers, antifreeze and antifreeze containers in BC. Its goal is to provide British Columbians with an eco-friendly and cost-effective way to dispose of these materials and be good watershed and ocean stewards.

Did You Know?

More than half the lubricating oil and all the antifreeze collected in BC is turned into new lubricating oil and antifreeze. Recycling lubricating oil and antifreeze keeps these products out of storm drains, waterways and oceans.

For more information, please visit www.bcusedoil.com



THE WATERSHED SONG *Holly Arntzen/Kevin Wright/David Sinclair*

CHORUS

In the watershed rain comes down into the river, into the sea
And we hope from our elders a healthy world for us to keep
Oh – oh – oh – oh

Habitat - Conservation
Climate change - Revelation
Conscious - Destination
That's the only way

CHORUS

This watershed is changing; some things will never be the same
Winning too slowly is the same as losing when it comes to climate change

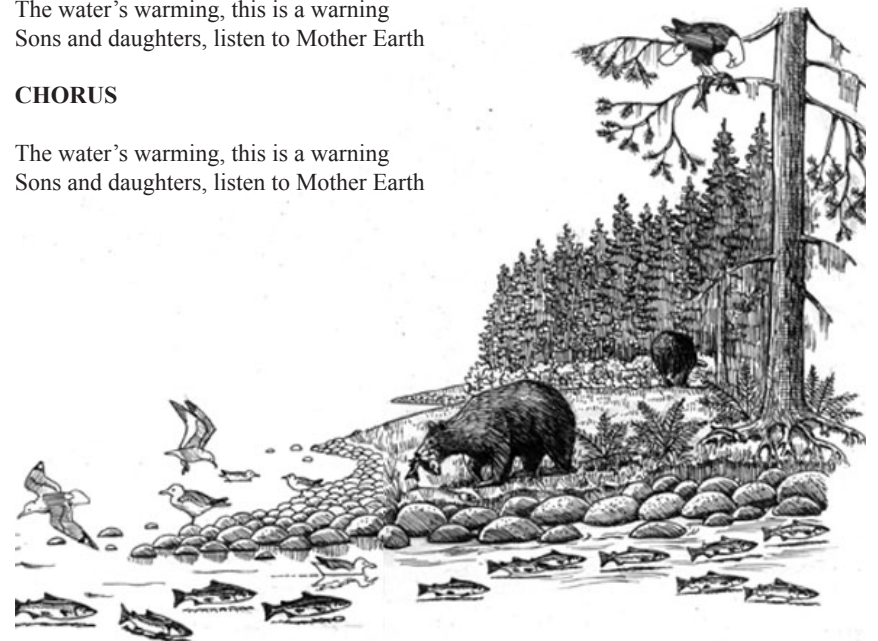
Ocean - Devastation
Are we seeing - Adaptation
One Earth - One nation
That's the only way

CHORUS

Salmon run up the Fraser to the Nechako and Quesnel
The Tsihquo'tin is full to bursting, and the Seton is running well
The Brunette and Silverdale Wetlands welcome their children home
The water's warming, this is a warning
Sons and daughters, listen to Mother Earth

CHORUS

The water's warming, this is a warning
Sons and daughters, listen to Mother Earth



LIFE CYCLE DANCE

Holly Arntzen/Stephen Foster

Chorus 1:

Stomp your feet
Clap your hands
Everybody do a life cycle dance
Bow to the sun
Bow to the moon
Twirl with the season and tides in tune

Swim like a fish
Fish like a bear
Soar like an eagle in the air

Chorus 1

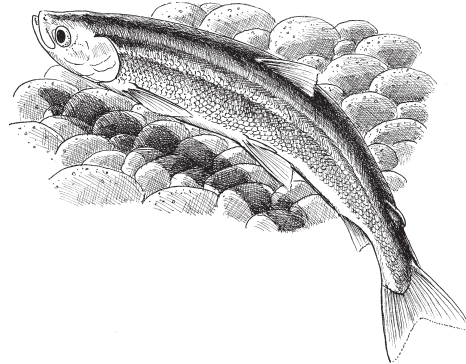
Stand like a tree
Roots grow down
Take food and water from the ground
Reach for the sun
Rustle your leaves
Sway in the air we all breathe

Chorus 2:

Stomp your feet
Clap your hands
Everybody do a life cycle dance
Bow to the sun
Bow to the sea
Twirl with the river, lake and stream

Run like a marmot
Leap like a frog
Flit like a dragonfly in the bog
Dive like a hummingbird
Wriggle like a grub
Swoop like a swallow
chasing bugs

Chorus 2



LONG LIVE THE KINGS

Holly Arntzen/Kevin Wright

Who is the biggest? Who is the strongest?
Chinook...nook Chinook...nook
Who feeds the Orcas? Who swims the longest?
Chinook...nook Chinook...nook
We swim upstream to Rearguard Falls
Chinook...nook Chinook...nook
And out to the open ocean, the drumbeat calls
Chinook...nook Chinook...nook

Ohhhhhhh.....ahhhhhhh

CHORUS

We are the Springs. We are the Tyee.
King of the salmon on the high seas.
Long live the Kings. Long live our home.
All our relations. We are the keystone
Long live the Kings!

I used to weigh in at one hundred pounds
Chinook...nook Chinook...nook
When the big herring could be found
Chinook...nook Chinook...nook
In the north Pacific we always ranged
Chinook...nook Chinook...nook
But now so many things in our world have changed
Chinook...nook Chinook...nook

CHORUS

With climate change,
could it really be true?
Will we only live north
of latitude 52?

CHORUS



SALISH SEA

Briony Penn/Holly Arntzen

A shoreline rock is like one big town
Try not to turn one upside down
Barnacles and periwinkles feed on top
Limpets slide until the waters drop
All these critters say to me...keep singing songs about the Salish Sea



Underneath the rocks the shore crabs hide
All awaiting the next high tide
Gumboot chitons big as your shoe
Stick to the rocks just like glue
All these critters say to me... keep singing songs about the Salish Sea



Barnacle, periwinkle, flat fish, whelk... cockle, rockweed
BULL KELP!

In between the tide pools hermit crabs graze
Sculpins lurking in a coral maze
Anemones tentacles look like flowers
They stay open at high tide hours
All these critters say to me... keep singing songs about the Salish Sea

Seaweed is anchored to the sea bed
Green at the top, then brown, then red
Bull kelp bobbing just off shore
A nursery for fish, kelp crab and more
All these critters say to me... keep singing songs about the Salish Sea



Barnacle, periwinkle, flat fish, whelk... cockle, rockweed
BULL KELP!

Eel grass blooms estuaries flow
This is where all the herring grow
Ducks come to feed on their roe or eggs
Great blue heron on two straight legs
All these critters say to me... keep singing songs about the Salish Sea

Deep in the sand the the horse clams squirt
Butter clams next and little necks first
Sea worms squiggle, sandpipers poke
These are some intertidal folk
All these critters say to me... keep singing songs about the Salish Sea



Barnacle, periwinkle, flat fish, whelk... cockle, rockweed
BULL KELP!

URBAN MINING

Holly Arntzen/Kevin Wright/David Sinclair

There are veins of precious metals
richer than any goldmine
Running through our cities
Everybody's living online
You might even have some in your pocket
And we're not just talkin'
some little locket

We're talking cell phones and batteries
Used oil and antifreeze
Motherboards and coffee makers...
Computers and refrigerators

All the rare earth elements
crucial to modern living
Come from the Earth
How long can she keep giving?
The more we reuse
the less we have to extract
Don't throw stuff away... take it back

CHORUS

Recycle cell phones and batteries
Used oil and antifreeze
Motherboards and coffee makers
Printers and defibrillators
VCRs and dead cars
Pop cans and old tires
Microwaves and circuit breakers...
Computers and refrigerators

All the energy it takes the world
to make new things
Changes our climate
and all the changes that brings
Urban mining recovers
treasure from the trash
Rethink consumption, make things last

CHORUS

Urban mining, Urban mining
Urban mining, Urban mining

...computers and refrigerators



BIG CHANGE STARTS SMALL

Holly Arntzen/David Sinclair

Something I've heard people say
Something I've heard people say
"Eat an apple every day"
"Eat an apple every day"
it's good for you and tastes so sweet
it's good for you and tastes so sweet
Whatcha gonna do with the core and seeds?
Whatcha gonna do with the core and seeds?

Chorus

Compost bin is for your grass and leaves
Banana peel and apple core
I believe big change starts small
Throw it in, make soil not war

Earthworm, fungi, millipede
Earthworm, fungi, millipede
Soil is made by such as these
Soil is made by such as these
Kitchen scraps to fertile ground
Kitchen scraps to fertile ground
That's the way the world goes round
That's the way the world goes round

Chorus

From a single tiny seed
From a single tiny seed
Grows a giant apple tree
Grows a giant apple tree
Gives us fruit, and through its leaves
Gives us fruit, and through its leaves
Oxygen for us to breathe
Oxygen for us to breathe

Chorus



TIRE Stewardship BC

www.tsbc.ca

Prior to 1991, there was no program in place to recycle tires. They got dumped in landfills, where they took up a lot of space and didn't break down. Or they were burned in open pits, which put toxic emissions into the atmosphere.

Or they got left lying around in our environment, and were eyesores.

In January 2007, Tire Stewardship BC (TSBC) launched the new scrap tire recycling program, replacing the government-run program that had been in place since 1991. Now, approximately 50,000 tonnes of scrap tires are diverted annually from landfills, which roughly equates to one tire per person in BC. The success of the program was celebrated in 2018 when TSBC reached its 90 millionth tire milestone—almost enough to form a single line of tires stretching around the Earth at the equator—TWICE!

TIRE DROP OFFS

Did you know there are over 800 retail locations in BC that will take back old tires at any time of year? Find the closest location to you at www.rcbc.ca.

What happens to scrap tires?

Most of them are used to create:

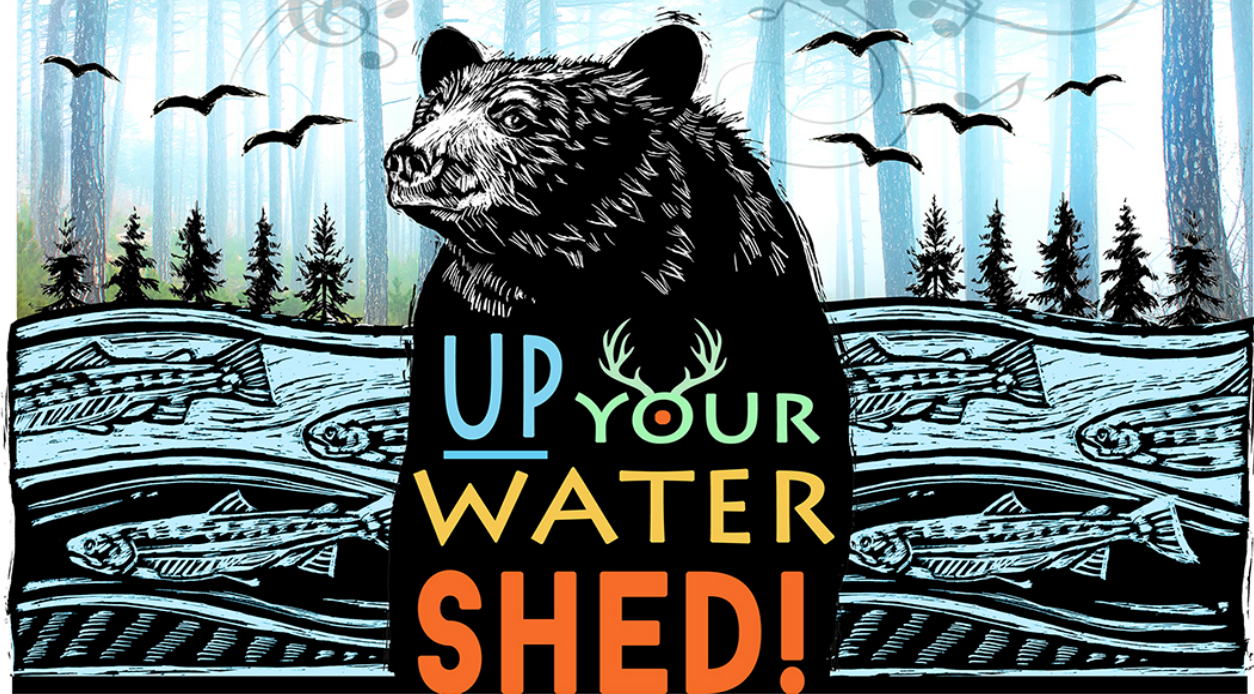
- playground and athletic surfaces.
- resilient flooring in recreational facilities such as gyms and running tracks.
- flooring and mats for agricultural and industrial use.
- coloured landscaping mulch.

The rest are used as a fuel supplement in the cement and pulp and paper industries.



Almost 100% of the scrap tires generated are collected from all across the province and processed in Delta, BC. The majority are recycled into crumb rubber, which are granules of rubber with the steel and fibre removed. Crumb is then used to create a variety of products.

SING OUT FOR OUR WATERSHED! CONCERT PROGRAM



S K E E N A • T O U R • 2 0 1 9 • S W C C

BIG CHANGE STARTS SMALL

Holly Arntzen/David Sinclair

VERSE 1

Something I've heard people say
"Eat an apple every day"
It's good for you and tastes so sweet
Whatcha gonna do with the core and seeds?

CHORUS

Compost bin is for your grass and leaves
Banana peel and apple core
I believe big change starts small
Throw it in, make soil not war

VERSE 2

Earthworm fungi millipede
Soil is made by such as these
Kitchen scraps to fertile ground
That's the way the world goes round

CHORUS

VERSE 3

From a single tiny seed
Grows a giant apple tree
Gives us fruit, and through its leaves
Oxygen for us to breathe

CHORUS



SOLAR ANGEL

Holly Arntzen/Kevin Wright

CHORUS

Solar angel lights up the sky
Ancient starlight streaming on high
Power together, sun, wind and tide
Solar angel...energy is life

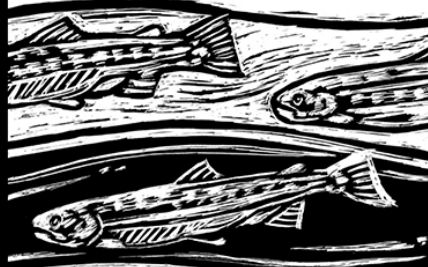
Each year is the hottest ever
Nature's going crazy, so is the weather
Wildfires, floods, droughts and hurricanes
Sea level rising, fish in the streets
Failing crops, climate refugees
Age-old rhythm of seasons being changed

CHORUS

Can you imagine a greater freedom?
We're restoring the garden of Eden
I believe in this renewable revolution
We have a dream and it's attainable
If it ain't fun it's not sustainable **
Come on people now – lend your hand to solutions

CHORUS

**With thanks to Guy Dauncey for kind permission to use this line.



UP YOUR WATERSHED!

Holly Arntzen/Kevin Wright

Redbacks cruisin' up the Skeena River
And the Pinks are doing it too
Fightin' their way up river valleys
Shootin' through those Grizzly alleys
Salmon runnin' I hope they're coming soon
Up Your Watershed!

People wondering, where are the Sockeye?
Did they get lost or hit the wall?
What's been happening in the ocean?
There must have been some big commotion
Are they fashionably late or coming at all?

Up Your Watershed!

CHORUS

Up your watershed
Up your watershed
Up your watershed

Understanding this ain't rocket science
We know what we're doing wrong
Calling all people with a heart
This is a good place to start
There's a party with a purpose going on

Up Your Watershed!

CHORUS



LONG LIVE THE KINGS!

Holly Arntzen - Kevin Wright

Who is the biggest?
Who is the strongest?
Chinook...nook Chinook...nook

Who feeds the Orcas?
Who swims the longest?
Chinook...nook Chinook...nook

Way upstream to Rearguard Falls
Chinook...nook Chinook...nook

Out in the ocean, the drumbeat calls
Chinook...nook Chinook...nook

CHORUS

We are the Springs. We are the Tyee.
King of the salmon on the high seas.
Long live the Kings. Long live our home.
All our relations. We are the keystone
Long live the Kings!

I used to weigh in at one hundred pounds
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When the big herring could be found
Chinook...nook Chinook...nook

In the north Pacific we always ranged
Chinook...nook Chinook...nook

Now so many things in our world have
changed
Chinook...nook Chinook...nook

CHORUS

With climate change, could it really be
true?
Will we only live north of latitude 52?

CHORUS



VOICES OF NATURE

Holly Arntzen/Stephen Foster

Sun is shining...everything is so dry
Voices of nature sing for every living thing
Weather report says...it's another record
high
Voices of nature sing...for every living thing
In the rainforest thirsty cedar trees sigh

CHORUS

Sing for rain, sing for sunshine
Just enough at the right time
Voices of nature sing for every living thing
Sing for snow on the mountain
Flocks of birds beyond counting
Voices of nature sing for every living thing

Not enough water...people go to war
Do you hear meadowlarks calling anymore?
Disappearing wildlife...what are we fighting
for?

CHORUS

Drought on the prairies...and in
Afghanistan
Will we keep pumping oil as fast as we
can?
Changing weather...making deserts...
turning soil into sand

CHORUS



WATERSHED SONG

Holly Arntzen - Kevin Wright

CHORUS

In the watershed rain comes down into
the river, into the sea
And we hope from our elders a healthy
world for us to keep
Oh - oh - oh - oh

Habitat - Conservation
Climate change - Revelation
Conscious - Destination
That's the only way

CHORUS

This watershed is changing, some things
will never be the same
Winning too slowly is the same as losing
when it comes to climate change

Ocean - Devastation
Are we seeing adaptation?
One Earth - One nation
That's the only way

CHORUS

Salmon run up the Skeena, the Kispiox
and Babine
Sacred headwaters flowing, feed the
Nass and the Stikine
The Seven Sisters watching, welcome
their children home
The water's warming, this is a warning
Sons and daughters, listen to Mother
Earth

CHORUS

The water's warming, this is a warning
Sons and daughters, listen to Mother
Earth

URBAN MINING

Holly Arntzen/Kevin Wright/David Sinclair

There are veins of precious metals richer
than any goldmine
running through our cities, everybody's
living online
You might even have some in your pocket
And we're not just talkin' some little locket

CHORUS 1

We're talking cell phones and batteries,
used oil and antifreeze
motherboards and coffee makers...
computers and refrigerators!

All the rare earth elements crucial to
modern living
Come from the Earth. How long can she
keep giving?
The more we reuse the less we have to
extract
Don't throw stuff away...take it back

CHORUS 2

Recycle cell phones and batteries, used
oil and antifreeze
motherboards and coffee makers,
printers and defibrillators
VCRs and dead cars, pop cans and old
tires/microwaves and circuit breakers...
computers and refrigerators!

All the energy it takes the world to make
new things
Changes our climate and all the changes
that brings
Urban mining recovers treasure from the
trash
Rethink consumption, make things last

CHORUS 2



UP YOUR WATERSHED!

is connecting children and communities to make
a difference for the Skeena and the world,
through education and conservation. We can
do this. It is not an impossible dream. Everyone
lives in a watershed! Thank YOU for being here!

Holly Arntzen & Kevin Wright, ART

We are honoured to be coming back for the third Up Your Watershed! in the beautiful Skeena. We'd like to especially thank S.W.C.C. (Skeena Watershed Conservation Coalition) for all their dedication and hard work to bring communities together to protect this precious place. In addition, there are four non-profit stewardship groups that have contributed to this project. They want children and families to understand that reducing waste is an action we can all take in our daily lives to be good stewards of oceans, watersheds and wild salmon.

TIRE STEWARDSHIP BC (TSBC) www.tsbc.ca manages BC's tire recycling program. The program collects "eco-fees" on the sale of every new tire that are used to transport and recycle scrap tires and keep them out of landfills. TSBC provides grants to non profit organizations, such as schools, that use BC recycled rubber in playgrounds.

BC USED OIL MANAGEMENT ASSOCIATION (BCUOMA) is dedicated to the collection and recycling of lubricating oil, oil filters and containers, antifreeze and antifreeze containers in BC. Find the nearest location to safely dispose of these materials at www.bcusedoil.com

MEDICATIONS RETURN PROGRAM www.healthsteward.ca provides a safe and easy way to dispose medications we all have in our homes. HPSA encourages the public to take their old prescriptions back to the pharmacy for proper disposal and keep them from being poured down the drain or put in the garbage.

PACIFIC SALMON FOUNDATION (PSF) www.psf.ca protects, conserves and restores wild Pacific salmon populations in the Yukon and British Columbia. PSF is conducting the Salish Sea Marine Survival Project, to research why runs of Chinook, Coho and Steelhead have decreased to one-tenth of past peak levels over the past 20 years in the Salish Sea. Find out more here: marinesurvivalproject.com

CREDITS:

Holly Arntzen, vocals, dulcimer, piano
Kevin Wright, vocals, cajon, congas

The ARTist Response and SWCC would like to express their sincerest thank you to sponsors: Pioneer Hotel in Prince Rupert, MStar hotel in Kitimat and Anne Hill in Terrace. We also wish to acknowledge the time and dedication of coordinating teachers: Kelly Lima (Veritas Catholic), Janelle Hittel (Kildala) and Kerri Levelton (Conrad). Thanks to your generous support, energy and contributions, this dynamic program in the Skeena watershed was made possible. We salute you!



SING OUT FOR OUR WATERSHED!







The Up Your Watershed! dress up party in Prince Rupert



Rockin' it at Kildala School in Kitimat



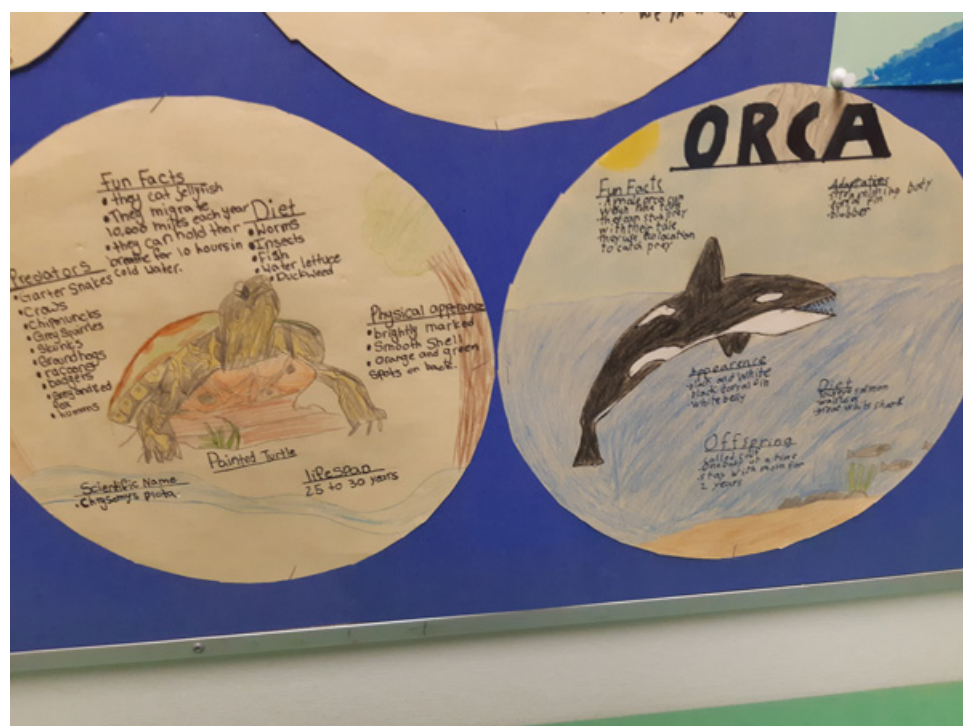
We've signed thousands of autographs... these older boys thought their foreheads would be a good spot!

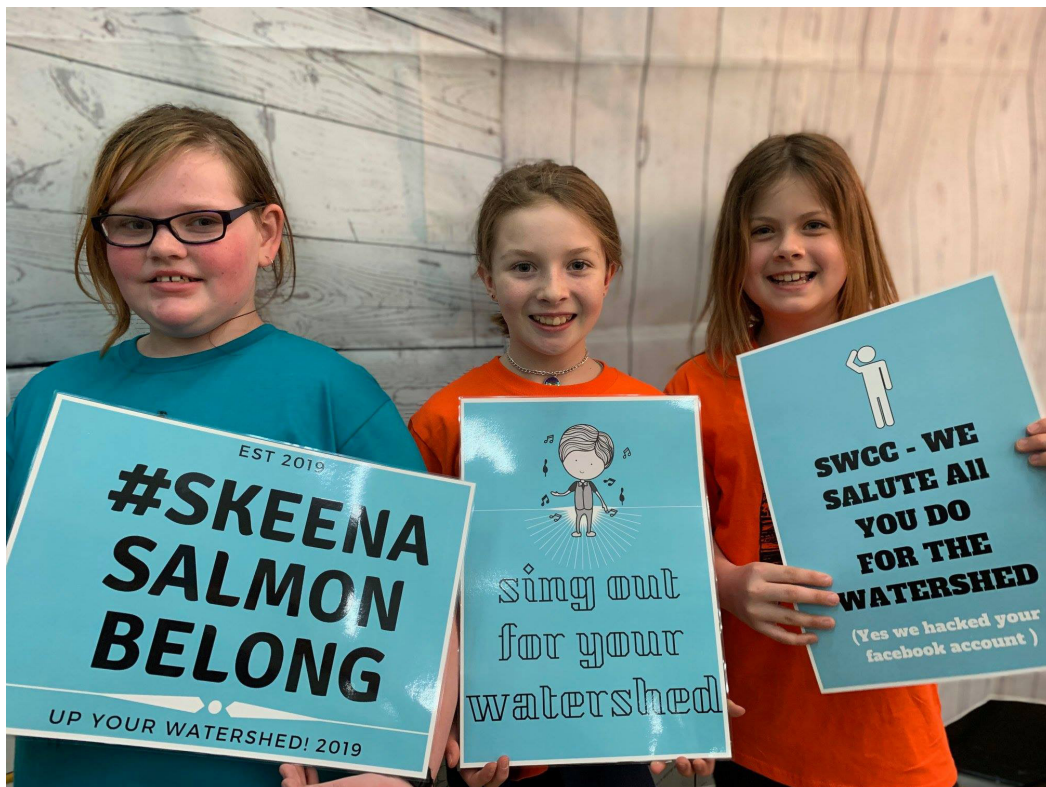


Singers at the REM Theatre in Terrace

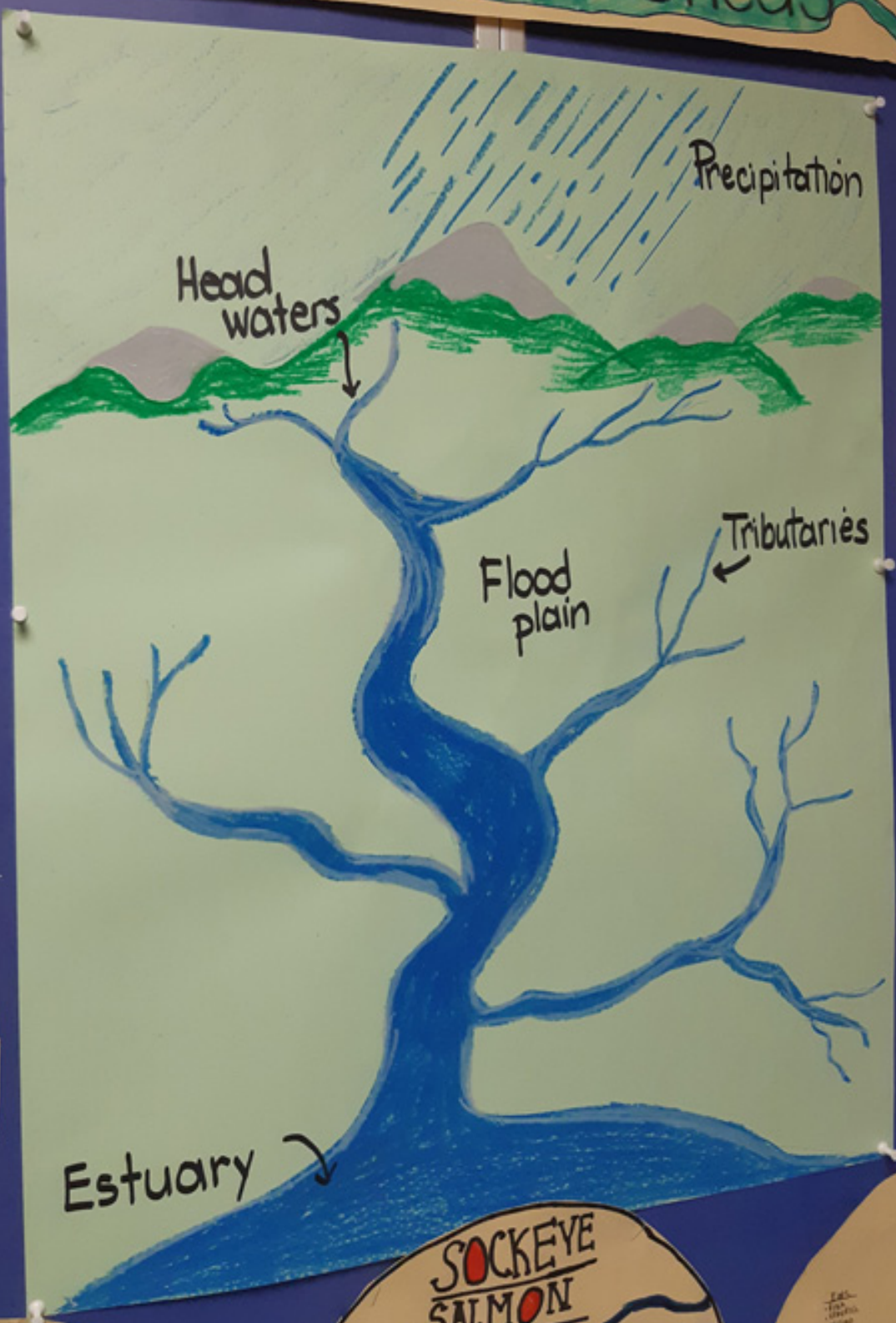


Ready to take the stage in Kitimat!





B.C.'s Watersheds



Fun
Facts
• One of the few nocturnal birds
• They do not migrate
• Barred owls mate with
• Barred owls

Wolves
• They
• are
• in
• the
• forest

• In fact, they live in Alaska
• They sleep at night and
• are in a hole

Food
• Fish
• Grass
• Insects
• Rabbits
• Squirrels

Life span
• Around 15 years
• The oldest known
• lived for 20

Enemies
• Other
• Hawks
• Owls
• Humans

Diet
• Frogs
• Fish
• Bugs

• Have
• with
• for
• water

Loon
• They live
• in the water
• and on land

• They
• are
• in the
• water

**SOCKEYE
SALMON**

• They
• are
• in the
• water

DIGITAL STORYTELLING—REPORT APRIL 24, 2019

From Dr. Jenny Arntzen, Pears Strategic Consulting

We implemented a prototype digital storytelling component in two elementary schools this spring: Lord Nelson Elementary and Queen Elizabeth Elementary.

Key factors for digital storytelling the Rock the Salish Sea Program in an elementary school setting are: 1) digital infrastructure (do they have the resources they need to get student work online); 2) teacher skill and experience with digital technologies (is blogging a regular part of their teaching practice; and 3) teacher engagement with the curriculum provided by the Rock the Salish Sea Program.

Topline results from our work this spring:

1. Students were able to get online using edublogs and set up their own blogs to demonstrate what they learned during the Rock the Salish Sea Program. Ms. Cook's class at Lord Nelson Elementary had the best results in this regard. We set up 27 student blogs. Students posted a total of 107 blog posts for an average of 4 blog posts each. The students commented on each others' blog posts 69 times. All the content they produced was in response to learning activities from the Rock the Salish Sea curriculum.

Here is the link to the class blog - the student's voices speak clearly in their writing and their interviews: <http://lordnelsondiv5digitalstorytelling.edublogs.org>

The content of the students' blog posts were based on instruction from Ms. Cook from the Rock the Salish Sea curriculum (singing and handbooks) and digital literacy curriculum from the Ministry of BC digital learning frameworks.

The students posted about their passions and interests in relation to recycling and the natural world. They interviewed each other about what they were learning about watersheds and posted those interviews on their blogs. They posted links to sites about related issues, such as the impact dams have on salmon reaching their spawning grounds <http://lndiv5expensivelog.edublogs.org>.

Another student posted about how plastic affects the environment if you don't recycle <http://lndiv5robin.edublogs.org>

Please note - Ms. Cook had never blogged before with her class. The entire class was learning to use blogs for communication for the first time.

2. At Queen Elizabeth Elementary we had Ms. Rosa (Grade 3) agree to participate in digital storytelling. Her students were not ready to write blog posts online, but they were happy to share their work investigating and learning about Urban Mining:

<http://qebdiv8digitalstorytelling.edublogs.org>

Ms. Rosa's class went to the library to research the words and phrases they were learning from the song lyrics. This led them to collect a bin full of books that they used to write reflections and discuss. For example, one student wrote about making the connection between recycling and the environment:

<http://qebdiv8digitalstorytelling.edublogs.org/2019/03/02/recycling-is-good-for-the-environment/>

Another student reflected on the song lyrics and learning the importance, "...to keep water clean."

<http://qebdiv8digitalstorytelling.edublogs.org/2019/04/24/keep-the-water-clean/>

We did not have any intermediate teachers join our digital storytelling component but we did have a teacher collaborator (Ms. Johnson) take on an initiative to get students blogging about their Rock the Salish Sea experiences. She is still working on putting content online. We talked last Thursday and she had worked with a Grade 1 class for this initiative. She had two entire classes of primary students create their own Avatars to use online (including usernames):

Ms. Johnson is still working on getting reflections written in the Grade 1 class up on the class blog. This class of 21 students have written three reflection pieces using invented spelling to express themselves to describe what they have learned from the songs and singing, about the environment, and their response to an ecology themed art piece.

She is hoping to have these posts up by the end of this week.

She ran into technical difficulties assigning student emails so they could have their own student accounts to blog.

At both schools our goals for teacher engagement were met - we had at least one, and in some cases two teachers who were actively engaging in digital storytelling in relation to the Rock the Salish Sea project. In all cases, none of these teachers had used blogging as an integral part of their teaching practice.

In summary:

1) Digital infrastructure (do they have the resources they need to get student work online.) Both schools had tablets for the students to use for capturing learning activities and getting them loaded onto the blogs. We were easily able to get online during our class and working sessions. Students blog accounts require a student email, we had to improvise to provide student emails that could be administered by the teacher.

2) Teacher skill and experience with digital technologies (is blogging a regular part of their teaching practice.) None of the teachers we worked with had experience blogging or used digital technology as a routine part of their classroom teaching. Teachers were skilled in their own uses of technology, not in the uses of blogs for student learning. Some of the teachers we worked with were interested in improving their digital technology skills, others were not inclined to try as they did not see the importance in relation to other pressures they were facing (report cards in February, or other assignments in progress).

The two teachers that did engage with blogging to enhance student learning were interested in continuing the practice in their classrooms.

3) Teacher engagement with the curriculum provided by the Rock the Salish Sea Program. This was an interesting finding - what the Rock the Salish Sea program brings to a school is living curriculum. The experience of learning the songs, singing them with Holly and Kevin, and engaging in the topics from the handbooks constitutes a lively change from classroom routine. Blogging students learning experiences gives new significance to student learning for both the students and the teachers, as the teachers are now able to show student learning to parents, family, colleagues, etc. It becomes part of their teaching portfolio. For the students the significance is that they publishing their words and images in the public domain, which lends importance to their learning and their communication.

Our prototype case studies this spring revealed several key findings:

1. The content of the Rock the Salish Sea curriculum (singing, performance, handbooks) provides rich opportunities for designing learning activities for all grade levels: discovery and research, writing, numeracy, photography, public speaking, media literacy, etc.
2. Developing teachers' engagement with the curriculum is key to getting students to share stories arising from learning the curriculum. Teachers' engagement is built over several encounters: Introducing the program, brainstorming lesson ideas, developing lesson plans, facilitating in-class teaching w/ blogs, debriefing w/ teachers, sowing seeds for self-sustaining networks of teachers who use blogs to teach social change for watershed stewardship and recycling behaviour.
3. Elementary students are eager to share what they are learning. They understand the importance of publishing their work in the public domain. They demonstrated a keen interest in establishing codes of conduct in their class to govern commenting and to ensure their online experience was mutually beneficial.
4. The digital technologies in elementary schools meet the most basic needs for students to write, interview, record video, take pictures, and post on their blogs. It does take extra facilitation to support teachers who are unfamiliar with the resources to bring them to life in their classrooms.

Jenny Arntzen, BFA, MA, PhD, PMP

Founder / CEO

Pears Strategic Consulting Inc.

Plan Sustainability.

Build Renewability.

Celebrate Equity.