



SCHOOL DISTRICT 46
SUNSHINE COAST

ENVIRONMENTAL EDUCATION ACTION PLAN

Superintendent Patrick Bocking
Tuesday, May 26th, 2020

A scenic view of a forested coastline. In the foreground, a large, grey, mossy rock sits on a rocky shore. To the left, a dense forest of evergreen trees covers a steep slope. In the background, a calm body of water stretches across the frame, with a thick layer of white mist or fog rising from the water and clinging to the distant, forested hills. The sky is a pale, overcast blue. The overall atmosphere is serene and natural.

**WE ARE HONOURED TO LIVE, LEARN, PLAY AND WORK ON THE UNCEDED
TERRITORIES OF THE SKWXWÚ7MESH NATION AND THE SHÍSHÁLH NATION**



CELEBRATING!

1a

Our **students' voices** will be respectfully heard and acted upon.

EA
1a

Our **students' voices** will be supported for addressing environmental issues.

- Green clubs in schools
- Grade 11 student Forum (DSLTT)
- Climate Strike attendance
- Student Trustee priority
- Celebrating Energy Matters at Board Meeting
- Town Hall organized by Town of Gibsons student councillors





UPCOMING INITIATIVES: 2020-2021

1a

Our **students' voices** will be respectfully heard and acted upon.

EA
1a

Our students' voices will be supported for addressing environmental issues.

- School Student Environmental Forums
- DSLT interested in more initiatives
- Incorporate student voice in Environmental Action Team consultations
- Opportunities for students to have environmental Ed clubs in schools, student-led and supported by staff



CELEBRATING!

1b

Our students will thrive in their **early years, and throughout their education**, within schools, families, and communities that inspire learning, respect and connection.

EA
1b

Match provincial early years framework with environmental connections.

- Workshops on Reggio-Emilia which profile natural objects and time in nature as an important component of early learning.
- Celebrating the Nature Walks 'Tales & Trails' program in Gibsons, Davis Bay and Pender Harbour at Education Committee/Board Meeting.





UPCOMING INITIATIVES: 2020-2021

1b

Our students will thrive in their **early years, and throughout their education**, within schools, families, and communities that inspire learning, respect and connection.

EA
1b

Match provincial **early years framework** with environmental connections.

- Emphasize nature-based learning and connections to the natural world in our Child Development Programs, such as SPARK!
- Enhanced nature-based professional development for early years educators.
- WonderWheels 2 (too!) as a 'vehicle' for promoting outdoor learning.



CELEBRATING!

1c

Our students will engage in ongoing reflection, experiential learning, and personalized inquiry through the application of the **Core Competencies**.

EA
1c

Formalize links between the **Core Competencies** and **Environmental Education**.

- District Pro D has supported teachers drawn to the outdoor experiential connection and developing links to the core competencies
- Partnership with the Nicholas Sonntage Marine Education Centre (NSMEC)





UPCOMING INITIATIVES: 2020-2021

1c

Our students will engage in ongoing reflection, experiential learning, and personalized inquiry through the application of the **Core Competencies**.

EA
1c

Formalize links between the **Core Competencies** and **Environmental Education**.

- Outdoor Experiential workshops for teachers that make explicit links to the Core Competencies
- Sunshine Coast Regional District partnership (girls in science)
- Develop an explicit resource linking Core Competencies with environmental sensitivity and climate change



CELEBRATING!

1d

Our students will be **literate**. They will be effective communicators, critical thinkers, and engaged citizens.

EA
1d

Support teachers through the CARE project to teach global citizenship through a **sustainability lens**. Enrich the **ecological literacy** (the ability to understand the natural systems that make life on earth possible) of our students.

- Focus on global citizenship through CARE project - with a sustainability lens.





UPCOMING INITIATIVES: 2020-2021

1d

Our students will be **literate**. They will be effective communicators, critical thinkers, and engaged citizens.

EA
1d

Support teachers through the CARE project to teach global citizenship through a **sustainability lens**. Enrich the **ecological literacy** (the ability to understand the natural systems that make life on earth possible) of our students.

- The CARE project will include strategies that support Sustainability, Communication and Global Citizenship
- Invest in nature focused/sustainability/global citizenship books for classrooms as a part of our literacy workshops
- Profile nature based resources that encourage literacy learning and ecological literacy in classrooms.



CELEBRATING!

1e

Our students will be **numerate**. They will have the skills and tenacity to interpret and apply mathematical understandings in flexible, functional, and creative ways.

EA
1e

Our students will identify **patterns** in our natural world and will use math to understand & protect our environment. Our students will use **data** to be more energy and waste efficient.

- Energy Matters programming has students collecting data, graphing results and following online energy and carbon emissions tracking.





UPCOMING INITIATIVES: 2020-2021

1e

Our students will be **numerate**. They will have the skills and tenacity to interpret and apply mathematical understandings in flexible, functional, and creative ways.

EA
1e

Our students will identify **patterns** in our natural world and will use math to understand & protect our environment. Our students will use **data** to be more energy and waste efficient.

- Learn that data collection and graphing energy use is numeracy at work.
- Furthering Energy Matters programming to include more schools in the district and raise awareness about the importance of math in ecological issues.
- Rich tasks for environmental connections: training for teachers



CELEBRATING!

1f

Our students will develop and apply **social and emotional skills** to successfully live, work, and play together. They will have the resilience and attitude to deal with life's challenges and to manage their **mental health**.

EA
1f

Our students will learn that being outdoors supports their **positive mental health**.

- Most schools have outdoor classrooms and access to the natural world in and around their school site.





UPCOMING INITIATIVES: 2020-2021

1f

Our students will develop and apply **social and emotional skills** to successfully live, work, and play together. They will have the resilience and attitude to deal with life's challenges and to manage their **mental health**.

EA
1f

Our students will learn that being outdoors supports their **positive mental health**.

- Further develop green spaces on school sites to calm emotions and develop healthy connections to the natural world.





CELEBRATING!

1g

Our students will develop and apply skills and habits to support their **physical health**.

EA
1g

Our students will engage in **physical activity outdoors** in wild spaces on school properties and nearby.

- Outdoor education is offered at the high school level and students are introduced to a number of outdoor activities in the natural world.





UPCOMING INITIATIVES: 2020-2021

1g

Our students will develop and apply skills and habits to support their **physical health**.

EA
1g

Our students will engage in **physical activity outdoors** in wild spaces on school properties and nearby.

- Giving students opportunities to be active outdoors through physical education and playground designs
- Encourage cross-curricular connections to actively learn outside



CELEBRATING!

1h

Our students will explore **Indigenous** cultures in our community and the **diversity of cultures** in the world.

EA
1h

Our students will understand the connection between care of the planet and the Spiritual Connection to the Land/Waters and the **Traditional Ecological Knowledge** of Indigenous Peoples.

- Indigenous Worldviews and ways of knowing and being support a deeper understanding of environmental connection and sustainably





UPCOMING INITIATIVES: 2020-2021

1h

Our students will explore **Indigenous** cultures in our community and the **diversity of cultures** in the world.

EA
1h

Our students will understand the connection between care of the planet and the Spiritual Connection to the Land/Waters and the **Traditional Ecological Knowledge** of Indigenous Peoples.

- Indigenous educators and Knowledge Keeper guests will collaborate with other educators on our relationship to the land/waters, land care, sustainability and Indigenous practices.
- Promote cross curricular outdoor learning opportunities that focus on Indigenous ways of knowing.



CELEBRATING!

1i

Our students will have the knowledge and skills to contribute to the **care of our planet and its changing climate.**

EA
1i

Our students will understand and act upon **climate change** in developmentally appropriate ways.

- Support for students right to strike in Fridays for Future.
- Herring curtain projects by PHSS and SCAS:
<https://www.thelocalweekly.ca/whats-good-for-herring-is-good-for-the-coast/>





UPCOMING INITIATIVES: 2020-2021

1i

Our students will have the knowledge and skills to contribute to the **care of our planet and its changing climate**.

EA
1i

Our students will understand and act upon **climate change** in developmentally appropriate ways.

- Develop climate change resources for teachers and make available on the Environmental Education Engage site



CELEBRATING!



Our students will have the **digital literacy** skills to enhance and communicate their learning, and to responsibly navigate technology.



Our students will apply **technological skills** to enhance their environmental learning. Students will recognize bias in digital resources when researching environmental issues.

- Project based learning session for teachers on District Day 2020
- Supporting student representation of environmental issues
- Use of mobile devices for students to capture images/video "in the field"
- Model responsible use of social media for students to share their voices





UPCOMING INITIATIVES: 2020-2021



Our students will have the **digital literacy** skills to enhance and communicate their learning, and to responsibly navigate technology.



Our students will apply **technological skills** to enhance their environmental learning. Students will recognize bias in digital resources when researching environmental issues.

- Students will have opportunities to see how technology can help and hinder the natural world.
- Students will learn about the balance between time spent on screens / time spent in their local environment.
- Energy matters program at schools teaches how to look at data for energy.



CELEBRATING!

1k

Our students will actively participate in expanded **fine arts** programs.

EA
1k

Our students will apply **fine arts skills** in their environmental learning.

- Students interpret the outdoors in many ways in regular classroom activities





UPCOMING INITIATIVES: 2020-2021

1k

Our students will actively participate in expanded **fine arts** programs.

EA
1k

Our students will apply **fine arts skills** in their environmental learning.

- The Fine Arts Committee has just begun to meet to discuss how to connect the outdoors with the arts! More exciting initiatives to come!



CELEBRATING!

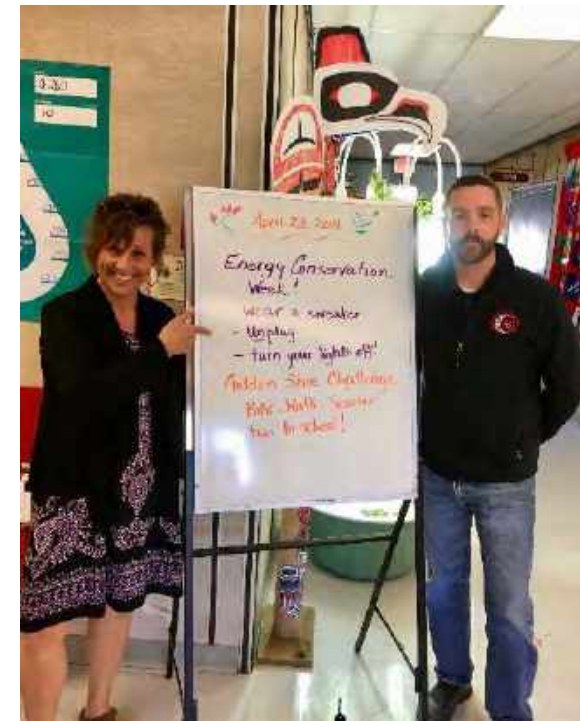
11

Our students will **graduate** with specific life skills to enable them to navigate their personal future directions.

EA
11

Our students will learn about new and emerging career opportunities in the "green sector".

- This environmental Action plan acknowledges our changing climate and that action is being taken
- Schools are using more reusable cutlery, plates.





UPCOMING INITIATIVES: 2020-2021

11

Our students will **graduate** with specific life skills to enable them to navigate their personal future directions.

EA
11

Our students will learn about new and emerging career opportunities in the "green sector".

- Green job presentations given at the high school level-given by local leaders, businesses, and career education.



CELEBRATING!

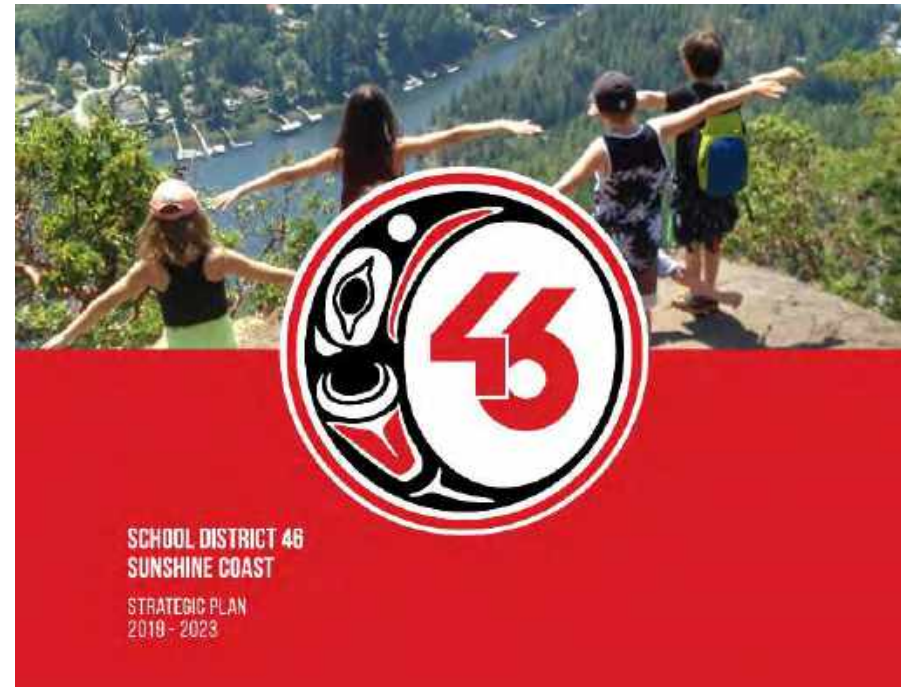
2a

Our staff will be a **healthy and inspired team** in which everyone feels respected for their individual gifts, skills, and contributions.

EA
2a

Our staff will develop **environmental initiatives** in the classroom, schools and the community with their students.

- Strategic plan supports environmental initiatives which are many staff support fully.





UPCOMING INITIATIVES: 2020-2021

2a

Our staff will be a **healthy and inspired team** in which everyone feels respected for their individual gifts, skills, and contributions.

EA
2a

Our staff will develop **environmental initiatives** in the classroom, schools and the community with their students.

- Ensure that schools are healthy and sustainable for staff
- Using green products for cleaning



CELEBRATING!

2b

Our staff will be fully supported for the work that we ask of them and that they ask of themselves through research-based **professional development**.

EA
2b

Our staff will have **professional development opportunities** related to environmental education.

- Outdoor/Environmental education workshops have been provided.
- Connections between teachers and facilities to see living results of energy savings and changes in our schools (Energy Matters).
- February 2020 District Day Focus





UPCOMING INITIATIVES: 2020-2021

2b

Our staff will be fully supported for the work that we ask of them and that they ask of themselves through research-based **professional development**.

EA
2b

Our staff will have **professional development opportunities** related to environmental education.

- Offer yearly outdoor/environmental education workshops
- Further develop connections between teachers and facilities to see direct results of energy savings and changes in our schools



CELEBRATING!

2c

Our staff will apply a deep understanding of **inclusive education** practices.

EA
2c

Our staff will ensure that all students **learn outdoors**.

- Davis Bay Greenhouse is wheelchair accessible and used as a space for social emotional health and growth
- Gardens are being used in Shine for life skills including growing, harvesting and selling food





UPCOMING INITIATIVES: 2020-2021

2c

Our staff will apply a deep understanding of **inclusive education** practices.

EA
2c

Our staff will ensure that all students **learn outdoors**.

- Develop supports for including all learners in environmental educational activities



CELEBRATING!

2d

Our staff will be **leaders** in their work.

EA
2d

Our staff will develop unique strategies for **ecological literacy** relevant to our context and share beyond our district.

- NEST-known at the national level as leaders in nature-based learning and programming that is available for grades K-7.





UPCOMING INITIATIVES: 2020-2021

2d

Our staff will be **leaders** in their work.

EA
2d

Our staff will develop unique strategies for **ecological literacy** relevant to our context and share beyond our district.

- Staff will be recognized as local, provincial and national leaders in school sustainability practices-with a positive impact on our students, our staff and our greater community.



CELEBRATING!

2e

Our staff will engage in **positive partnerships** with students and their families.

EA
2e

Our staff will develop school yard gardens, outdoor classrooms, and **involve local community members and families.**

- Davis Bay Greenhouse initiative-where families, community members and staff worked together to build an 1800 sq. ft. greenhouse.





UPCOMING INITIATIVES: 2020-2021

2e

Our staff will engage in **positive partnerships** with students and their families.

EA
2e

Our staff will develop school yard gardens, outdoor classrooms, and **involve local community members and families.**

- Students, staff, families and community partners working together in school gardens to promote food security.





CELEBRATING!

3a

Our district will effectively **communicate** with students, staff, and the community.

EA
3a

Our district will effectively **communicate environmental issues** with students, staff, and the community.

- Letter to families re: climate strikes available for all on the SD website.
- Sustainability section on the website home page to share what is happening at the district level.



SUPERINTENDENT'S LETTER TO PARENTS — CLIMATE CHANGE

September 24, 2019 Dear Parents, As teachers, it is our role to support our students to have the knowledge, skills and attitudes to face their futures confidently. Helping our students to have an informed voice for the biggest issues they will face is an important part of their education. Climate scientists around the globe agree.

[READ MORE >](#)



UPCOMING INITIATIVES: 2020-2021

3a

Our district will effectively **communicate** with students, staff, and the community.

EA
3a

Our district will effectively **communicate environmental issues** with students, staff, and the community.

- Sustainability information on the SD46 website
- Public sharing of what we have done to date and our future plans.
- A link will be provided on the SD46 website to showcase our district's green initiatives.
- Family lunches: zero waste campaign



CELEBRATING!

3b

Our district will actively engage in **visioning and planning** with local governments.

EA
3b

Our district will continue to foster partnerships with local governments to support **Environmental Policies and Practices**.

- SCRD memorandum agreement for facility use.





UPCOMING INITIATIVES: 2020-2021

3b

Our district will actively engage in **visioning and planning** with local governments.

EA
3b

Our district will continue to foster partnerships with local governments to support **Environmental Policies and Practices**.

- Sustainability partnerships with the Sunshine Coast Regional District, / Town of Gibsons/ District of Sechelt
 - Transportation
 - Safe bike routes and designated bike paths creation with local governments.



CELEBRATING!



Our district will pursue opportunities that **enhance collaboration and deepen partnerships** throughout our local and global community.



Our district will deepen partnerships with local environmental education organizations, and other private and public organizations, to develop a **shared approach** to environmental stewardship.

- Grade 3 trips to NSMEC sponsored by SD46.
- Environmental Action Committee has hosted community forums and guest speakers (Richard Louv) open to the public to collaborate on Environmental issues.





UPCOMING INITIATIVES: 2020-2021

3c

Our district will pursue opportunities that **enhance collaboration and deepen partnerships** throughout our local and global community.

EA
3c

Our district will deepen partnerships with local environmental education organizations, and other private and public organizations, to develop a **shared approach** to environmental stewardship.

- Connect with organizations that can offer unique outdoor learning spaces for students i.e. Camp Byng, Camp Elphinstone



CELEBRATING!

3d

Our district will support comprehensive **environmental initiatives**.

EA
3d

Our district will research and lead environmental initiatives, both in our **facilities** and in our educational practices.

- Promote education regarding waste, energy, and sustainability practices in schools.
- Students on Shorelines shoreline clean up.
- Energy retrofitting to all buildings.
 - Installed solar panels on 3 schools.
 - Every school energy efficiency: boilers and plant upgrades.
 - LED upgrades (2 to 3 year return on investment).





UPCOMING INITIATIVES: 2020-2021

3d

Our district will support comprehensive **environmental initiatives**.

EA
3d

Our district will research and lead environmental initiatives, both in our **facilities** and in our educational practices.

- Zero waste meetings in our district-moving away from single plastic use in meetings
- Paper conservation
- Water use efficiency projects
- Education and infrastructure
- Communication between facilities and educational staff on energy initiatives, energy savings, and other sustainable practices



CELEBRATING!

3e

Our **district facilities** will be safe, engaging, and energy efficient.

EA
3e

Our district will lead in **energy efficient** travel.

- First in the Metro in terms of energy efficiency in schools
- Live utility monitoring in all facilities (submetering).





UPCOMING INITIATIVES: 2020-2021

3e

Our **district facilities** will be safe, engaging, and energy efficient.

EA
3e

Our district will lead in **energy efficient travel**.

- Planning for more school solar in 2020; solar panels at all schools by 2030
- "Load shedding" issue
- EV parking where feasible.





CELEBRATING!

3f

Our district will ensure safe and efficient **transportation strategies** for our students.

EA
3f

Our district will grow **green transportation strategies**.

- New buses that increase ridership numbers from 16 to 24 students per vehicle.





UPCOMING INITIATIVES: 2020-2021

3f

Our district will ensure safe and efficient **transportation strategies** for our students.

EA
3f

Our district will grow **green transportation strategies**.

- Discounted city bus passes (in partnership with SCRD) for classes and individuals who use public transit for local field trips and to access their education.
- Storage areas for e-bikes / bikes
- BC hydro plan...more funds for level 2 chargers (fast charge)



CELEBRATING!

3g

Our district will recruit students from around the world to live and learn with us in a welcoming **international student program**.

EA
3g

Our district will develop **cross-cultural environmental connections** with international students.

- Learning from cultural exchange the sustainable practices of other countries through student presentations and immersion.





UPCOMING INITIATIVES: 2020-2021

3g

Our district will recruit students from around the world to live and learn with us in a welcoming **international student program**.

EA
3g

Our district will develop **cross-cultural environmental connections** with international students.

- Find an international 'sister in sustainability practices' district through our connection to international students as well as on a national level (Tuktoyuktuk in the north of Canada).



THANK YOU





SCHOOL DISTRICT 46
SUNSHINE COAST

REPORT TO THE BOARD: GRADUATION

May 26, 2020



SCHOOL DISTRICT 46 - SUNSHINE COAST
Excellence in all we do!

CURRENT CONTEXT

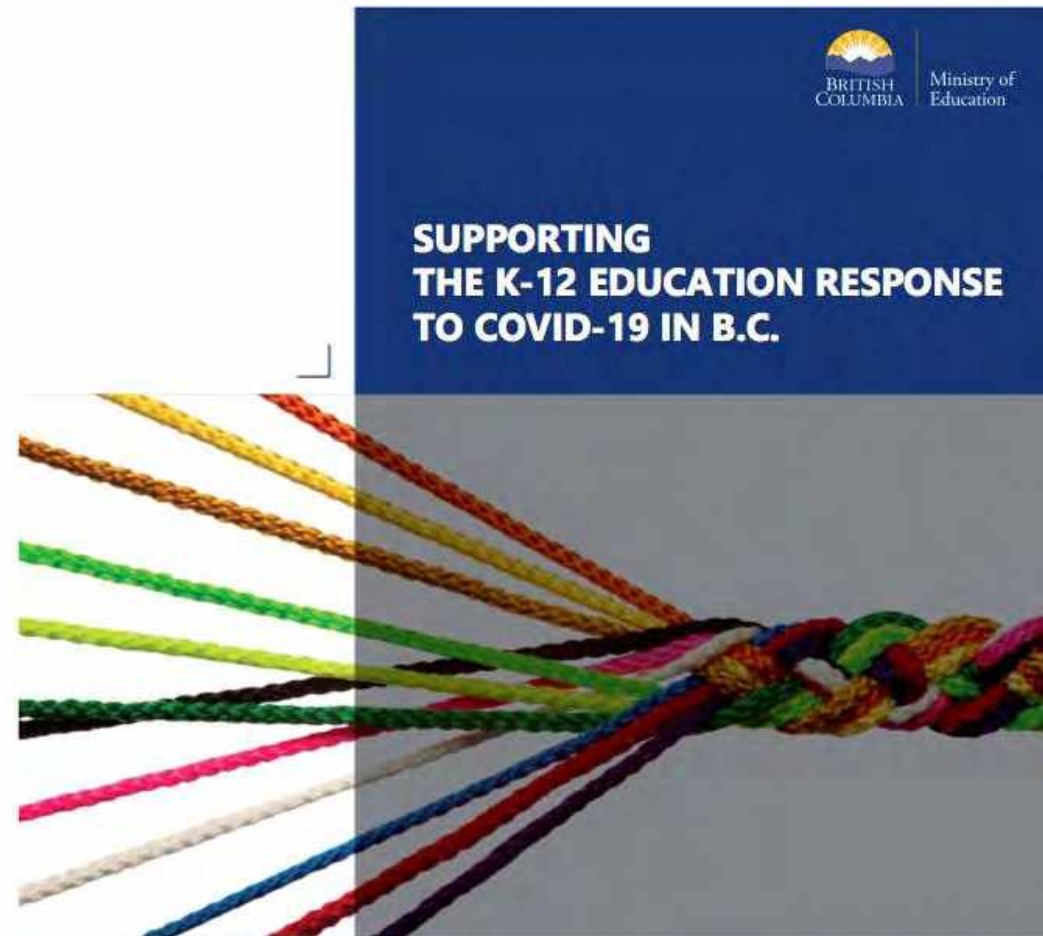
March 17: Cancellation of face to face learning in schools

March 30: plans start being made to envision a new program for students

- mental health and vulnerable student issues must be addressed
- Focus on continuity of learning with a variety of opportunities to engage with students
- Ensure that graduating students are a priority


April/May: implementation of ESW and vulnerable learners programs

June 1: resumption of voluntary classes






CREATING EDUCATIONAL PROGRAMS AT A DISTANCE



Google Classroom

Classroom helps classes communicate, save time and stay organised. [Learn more](#)

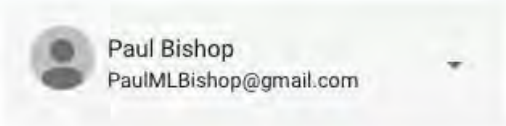




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CREATING EDUCATIONAL PROGRAMS AT A DISTANCE



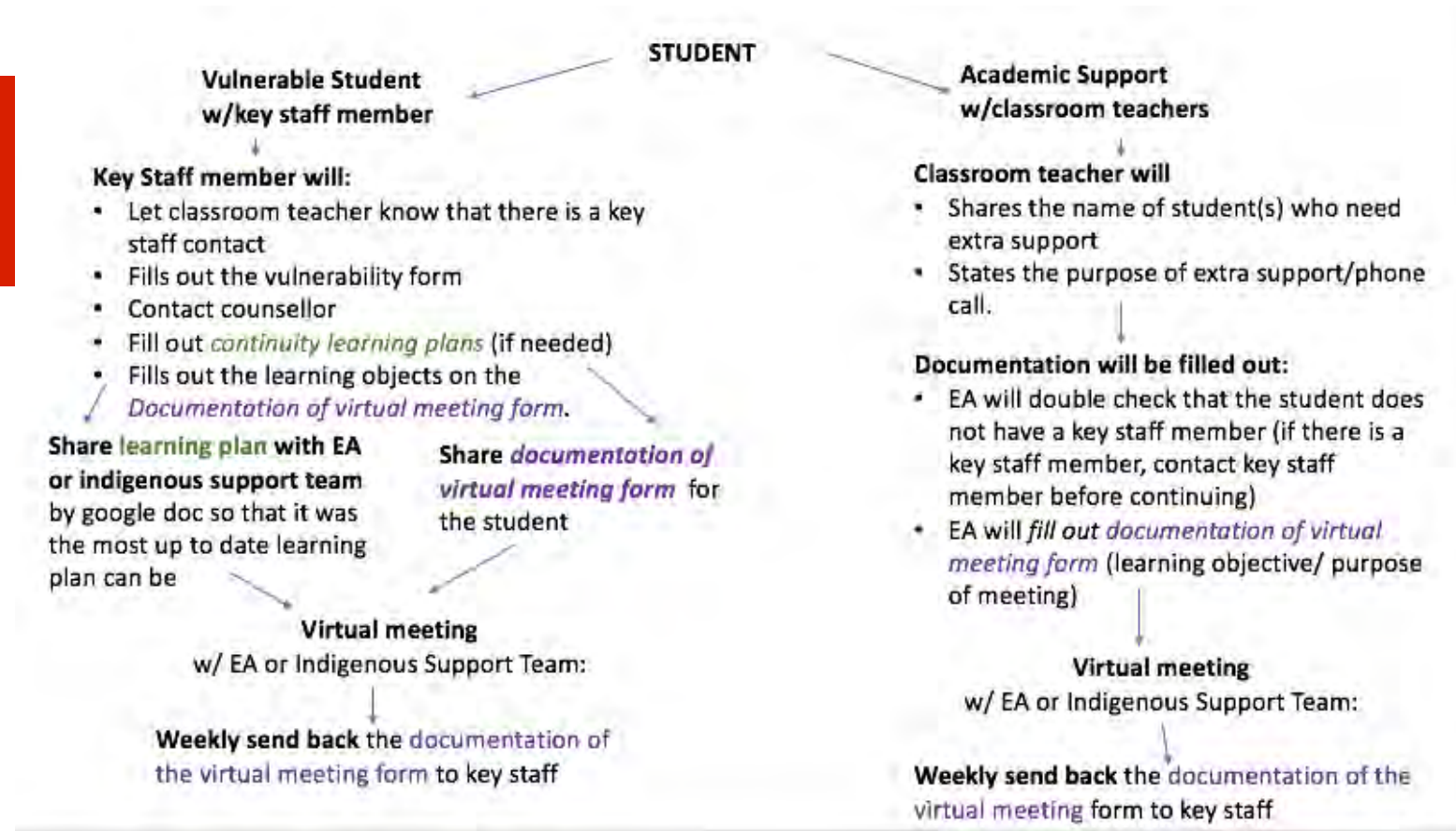


SUPPORTING FAMILIES AND STUDENTS

Acknowledge that uncertainty is hard for most people, so promote:

- 1) Self-Compassion
- 2) Self-Care
- 3) Connection
- 4) Routines

DSS Family Support Document





SCHOOL DISTRICT 46 - SUNSHINE COAST
Excellence in all we do!

GRADUATION 2020

- 1) "GRADS BC" will create unique graduation video for each school.
- 2) Students will be able to walk onto the stage, hear their "grad write-up" announced, and receive their diploma
- 3) The collected videos and photos will be used to create the video to be broadcast on the district YouTube channel the night their school graduation ceremony was scheduled
- 4) Families can schedule viewing parties to see their student's class, hear the grad write-ups and the announcement of the scholarships and bursaries





STUDENT SUCCESS

A screenshot of the British Columbia Student Success website. The page has a dark blue header with the British Columbia logo and 'English Français' text. Below the header is a navigation bar with links for Home, About this Website, School Districts, Cities, Glossary, and Search. The main content area is light blue and features the text 'School District Sunshine Coast (46)'. To the right is a map of British Columbia with the Sunshine Coast region highlighted in orange. Below the map, contact information for the district office is provided. At the bottom, there are three dark blue buttons: 'District Website', 'Download Report (PDF)', and 'All SD 46 Schools'.

BRITISH COLUMBIA

English Français

Home | About this Website | School Districts | Cities | Glossary | Search

School District

Sunshine Coast (46)

District Office: PO Box 220 , Gibsons , BC V0N 1V0
Phone: 604 886-4489
Website: sd46.bc.ca
Superintendent of Schools: Patrick Bocking

District Website | Download Report (PDF) | All SD 46 Schools

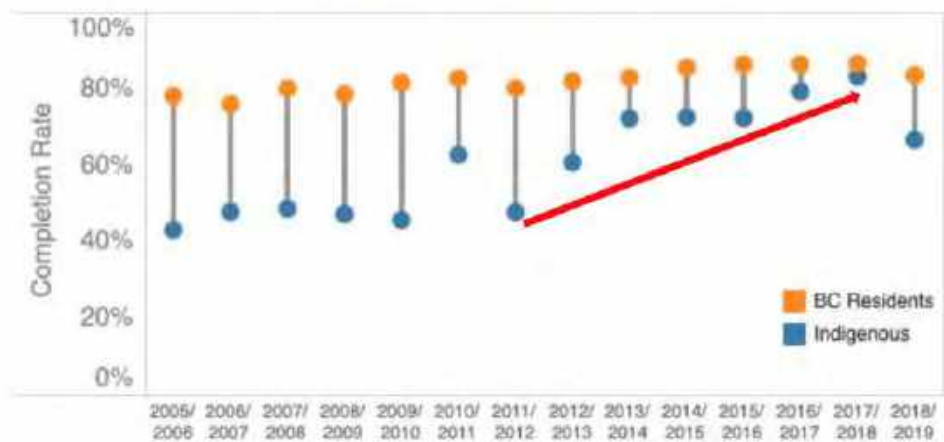
<https://studentsuccess.gov.bc.ca/school-district/046>



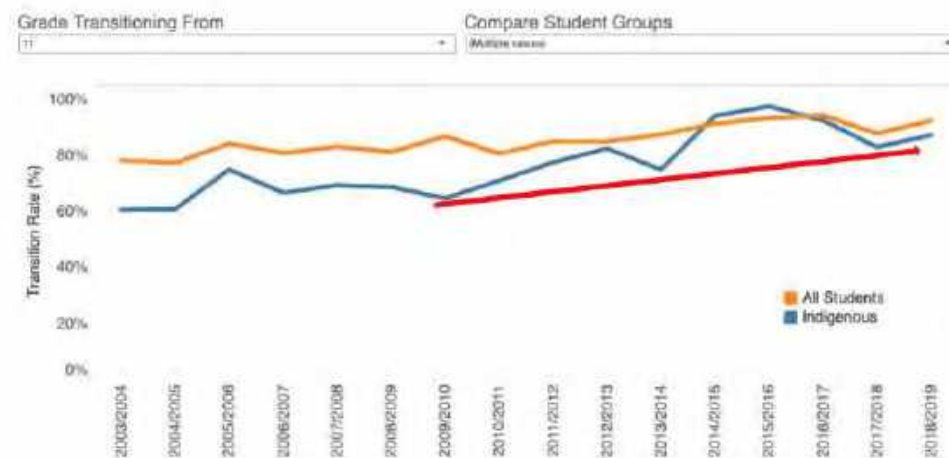
FOCUS ON SUPPORT



COMPLETION RATE OVER TIME FOR INDIGENOUS & BC RESIDENTS



GRADE-TO-GRADE TRANSITIONS (11)





WHY DO SOME STUDENTS NOT COMPLETE WITHIN 6 YEARS?

- Mental Health issues
- Substance Use
- Many student moves in and out of district
- No or minimal response to support from staff
- Attendance
- Working on or off the Coast
- Poverty challenges
- Physical Health



WHY DO SO MANY SUCCEED?

- Strong student to staff connections
- Deeply supportive learning environments
- Wide range of opportunities for learning and different learning styles.
- Innovative learning environments (careers, collaborative, interest-based passion blocks) wrap-around approach with community partners
- Developing social emotional supports as well as academic supports
- Strong staff belief in working alongside families



NEXT STEPS

- Ensuring that we have accurate data and using it effectively for meeting needs.
- Focused supports throughout students' time with us
- Partnering with other agencies
- Reviewing our processes and structures to track and identify vulnerable students K-12 (and 13th year non-grads)

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Local News

First Nations graduation rates on the rise in B.C.

Randy Shore
December 1, 2019 • 7 minute read

