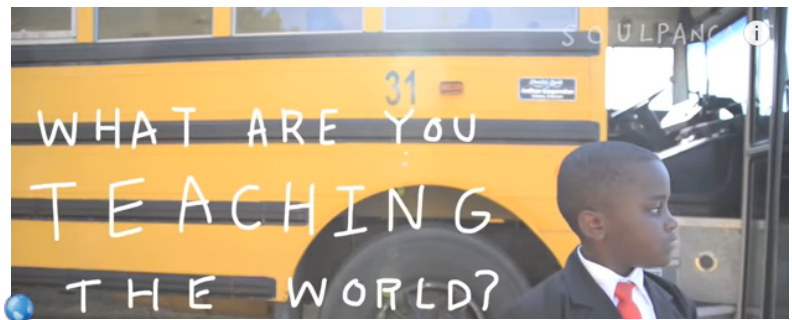




Bring on 2020!



- *Introductions & Attendance*
- *Housekeeping Items*
- *Course Discussion*

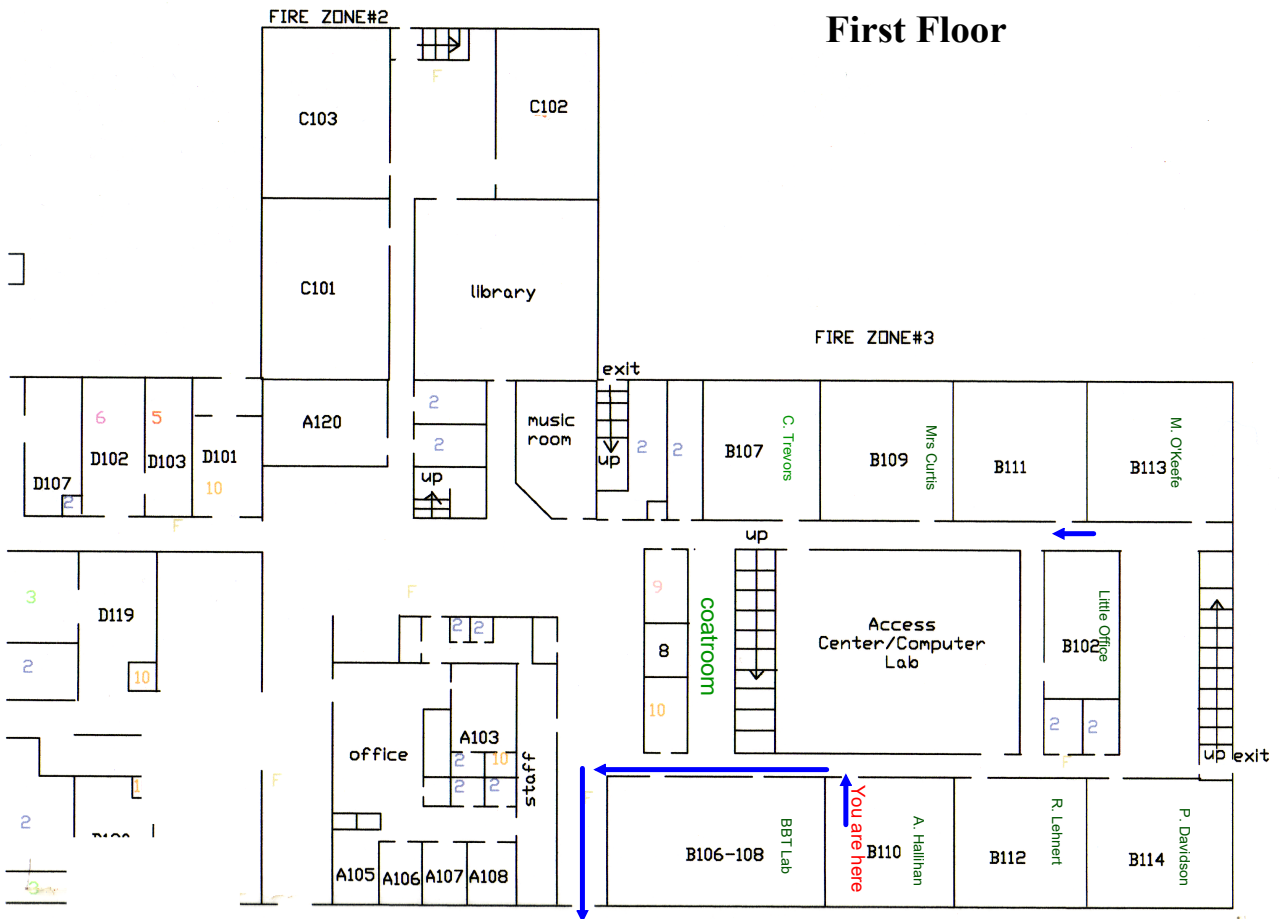


BHS Procedures and Reminders...

- Fire Drill
- Lockdown
- Bell Schedule
- Attendance
- Expectations
- Peanut Friendly

FIRE DRILL...

- line up in single file and in an orderly fashion.
- the fire exit will be down the hall and out the elementary doors by the music room.
- last one out turns off the lights and closes the classroom door.
- remain as a class outside on lawn so attendance can be checked AND return as a class!



LOCKDOWN...

- announcement will be made when an intruder is in the building.
- the teacher will lock the door and instruct students to move.
- students are to...
 - > stay calm.
 - > go to designated hiding spots in classroom (back against side cupboards).
 - > pull all curtains.
 - > turn off lights.
 - > stay quiet.

Teaching Schedule...

HOMEROOM (8:20am - 8:35am) - 11H

PERIOD 1 (8:35am - 9:40am) - PREP

PERIOD 2 (9:42am - 10:47am) - Coop (MAKE) 120

PERIOD 3 (11:02am - 12:07pm) - Outdoor Pursuits 110

PERIOD 4 (12:48pm - 1:53pm) - Entrepreneurship 110

PERIOD 5 (1:55pm - 3:00pm) - MSTE 8 Exploratory

Washrooms...

- washrooms are located by the music room for Elementary/Middle School and in open area for High School.
- *** travel through the hallway with my classroom & BBT lab...come back the same way!

Hallways...

- please remember there are other classes working, stay quiet and always walk.

Attendance...

- 4 days - Homeroom teacher informs parents/guardians
- 6 days - Homeroom teacher informs Guidance
- 8 days - Homeroom teacher informs parents/guardians
- 12 days - Case conference is scheduled with Administration
- 20 days - Referral to District Students Service Team

School expectations for....

Cellphones: - make sure phone is either in sleep mode or turned off during class!
***opportunities to check during breaks and at lunch.
- if your cell phone is used during class or rings...considered a cell phone violation.
***will be given to the teacher, name put on phone and given to office for parent pickup.
- BYOD will be used when needed...privileges will be lost if abused!

Attire: - dress for the season and the activity!

Being Punctual: - schedule is known and deadlines are set for projects...
lateness has penalties!

Being Prepared: - supplies needed to be successful...
textbook, notebooks, pencils/pens, calculator, etc...

Being Respectful: - having respect for staff, peers and learning environment...
quiet in the hallway, language used in a school setting, garbage, etc...

Bus driver expectations...



School Bus *Basic* **RULES**

New Brunswick
Department of Education - Pupil Transportation

- ➔ Obey the driver
- ➔ Respect others
- ➔ Remain seated
- ➔ Keep aisle clear
- ➔ Talk quietly

Violation will result in disciplinary action



Mr. Hallihan's RULES and EXPECTATIONS...

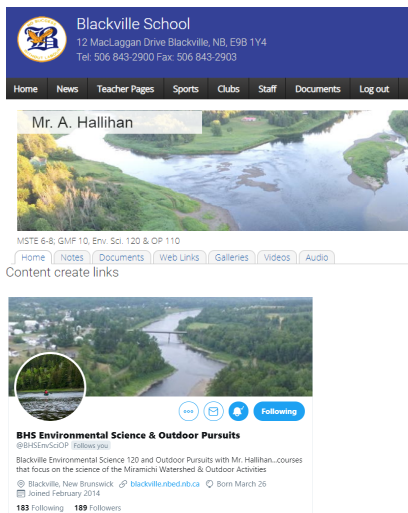
RULE: Use common sense!

EXPECTATION: Do your best!



My COURSES and Links to Resources.....

Teacher Homepage



Blackville School
12 MacLaggan Drive Blackville, NB, E9B 1Y4
Tel. 506 843-2900 Fax: 506 843-2903

Home News Teacher Pages Sports Clubs Staff Documents Log out

Mr. A. Hallihan

MSTS 6-8, GMF 10, Env. Sci. 120 & OP 110

Home Notes Documents Web Links Galleries Videos Audio

Content create links

BHS Environmental Science & Outdoor Pursuits
@BHSEnvSciOP Follows you

Blackville Environmental Science 120 and Outdoor Pursuits with Mr. Hallihan...courses that focus on the science of the Miramichi Watershed & Outdoor Activities

Blackville, New Brunswick · blackvilleenbednub · Born March 25
Joined February 2014

183 Following 189 Followers

Elementary MakerSpace

MSTE Exploratory
Coop (MAKE) 120



BHS ICE Centre
@bhsicecentre Follows you

BHS ICE Centre...Innovation combined with Collaboration creates Entrepreneurship.

Blackville, New Brunswick · bhsice.com · Joined October 2014
429 Following 414 Followers

bhsenvsciop Following

15 posts 102 followers 59 following

Environmental Science

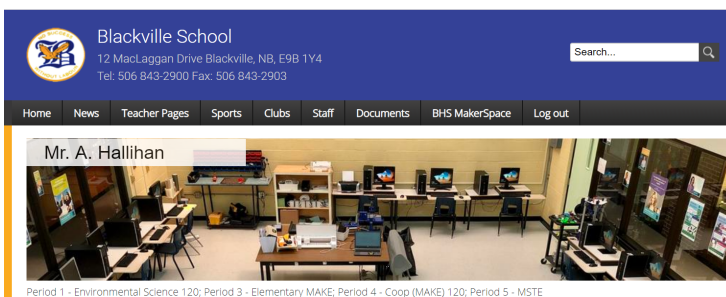
Followed by ironhousepro, blackvilleenb, jamie_otoole, + 6 more

Entrepreneurship 110

Outdoor Pursuits 110




Mr. Hallihan's Teacher Homepage...




- Daily lessons
- Links to videos shown in class
- Links to relevant websites
- Showcase TechPoints & BizPoints
- Twitter action
- Calendar of upcoming events

Stay Informed...USE the available resources!!!

The screenshot displays a collage of digital resources for Blackville School. On the left is a Facebook page for Blackville School, ASD-N, featuring a circular logo with a falcon and the motto "NO SUCCESS WITHOUT LABOUR". The main part of the image shows the homepage of "The Blackville Talon", an online newspaper. The page header includes the school's falcon logo and the title "The Blackville Talon". A navigation menu lists categories like "Feature", "Kids Corner", "News", "Opinion", "Podcast", "Sport Rosters", "Sports", "Talon Staff", "Videos", and "Viewpoint". A featured article from Friday, January 17, 2020, is titled "The Dangers of Vaping and Smoking Highlighted during Presentation". The article text states: "Lori Gillies from Quality Respiratory Care came to give Middle and High School students a presentation on the dangerous effects of smoking and vaping on January 15. Gillies is a registered respiratory therapist who travels to patients homes to assist them when they have lung or heart problems. She says that she deals with many teenagers whose breathing problems stem from smoking and/or vaping." An accompanying photo shows Lori Gillies with three students. To the right of the article is a search bar and a "PREORDER YOUR 2020 YEARBOOK" section with a "REMEMBER FOREVER" graphic. Below that is a "POPULAR POSTS" section featuring a post about a spelling bee. At the bottom of the collage is a dark blue footer for Blackville School with contact information: "12 MacLaggan Drive Blackville, NB, E9B 1Y4" and "Tel: 506 843-2900 Fax: 506 843-2903". A navigation bar at the very bottom lists: "Home", "News", "Teacher Pages", "Hockeyville", "Sports", "Staff", "Documents", and "BHS MakerSpace".



PORT OF
BELLEDUNE




Anglophone North
School District

STEAM League Winter Challenge

K- 12 : THE CHALLENGE

Build the tallest free standing snowman.


Frosty the snowman was a jolly happy soul,
What will your team use if you don't have coal?
Circumference and height takes some measuring tools,
Who will be the champ of all the schools?



K- 12 : THE CHALLENGE

Build a single person cardboard sled.

Find a hill, have a race.
Will your sled fly or go at it's own pace?
Make a bus, plane or even a car,
Don't forget to make it go three metres far!



Snowman	Point System	Cardboard Sled
<ul style="list-style-type: none"> • Height measurement - 5 points • Circumference - 5 points • Decorating your snowman - 3 points • Tallest snowman- 3 points • Largest circumference - 3 points • Social Media public post - 1 point/ platform (3max) 	<ul style="list-style-type: none"> • Building a cardboard sled - 5 points • Testing on a hill - 5 points • Sled has a theme - 5 points • Successful slide of 3 metres - 4 points • Social Media public post - 1 point/ platform (3max) 	

Due: February 28th 2020



STEM Project Planning Guide
Innovation, Engineering and Coding



Examples...





Coop [MAKE] 120



<https://www.youtube.com/channel/UC-hZtA0UUEzndBMm1wlme4Q>



CO-OP (MAKE) 120

'BHS MAKERSPACE'

WINTER 2020

TEACHER: A. Hallihan

COURSE DESCRIPTION:

BHS MakerSpace explores STEAM projects that involve Science, Technology, Engineering, Arts and Mathematics. This course will enable students to undertake creative, innovative and entrepreneurial projects in the classroom. Students will explore a variety of technologies while designing and engineering their own project. Innovation will be a focus where students focus on a project idea and create their own products.

The course is designed to apply the 4 C's...Creativity, Critical Thinking & Problem Solving, Collaboration, and Communication. These skills are beneficial in any workplace and are essential for life-long learning. The course will also emphasize all the global competencies: Innovation/Creativity/Entrepreneurship; Critical Thinking/Problem Solving; Self-Awareness/Self-Management; Sustainability/Global Citizenship; Collaboration and Communication. The goal of the course is to improve these skills so they can be used in any of your future endeavours.

NEEDED

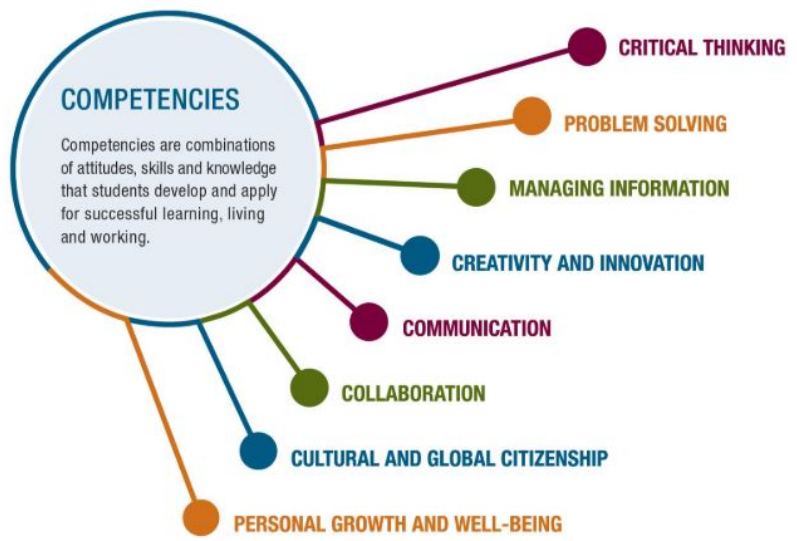
WHAT ARE ~~21~~ST CENTURY SKILLS? THESE 4 C'S:

<p>C</p> <p>COMMUNICATION</p> <p>Sharing thoughts, questions, ideas & solutions</p>	<p>C</p> <p>COLLABORATION</p> <p>Working together to reach a goal. Putting talent, expertise, and smarts to work</p>	<p>C</p> <p>CRITICAL THINKING</p> <p>Looking at problems in a new way and linking learning across subjects & disciplines</p>	<p>C</p> <p>CREATIVITY</p> <p>Trying new approaches to get things done equals innovation & invention</p>
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**New Brunswick
Global Competencies**

- critical thinking and problem solving
- innovation, creativity, and entrepreneurship
- learning to learn / self-awareness and self-directed
- collaboration
- communication
- global citizenship and sustainability
- foundation of literacy and numeracy

WHAT we must accomplish



WHAT IS A MAKERSPACE?

It is a place for everyone, creative and not creative, to come and explore their passions using raw materials, tools, technology, repurposed items and imagination. People can work individually or collaboratively, using technology and/or drawing on the collective wisdom of those in the room to help achieve their goal in a Maker Space.

BHS MAKERSPACE



WORKSTATIONS...

3D PRINTING
MICROCONTROLLERS
ROBOTICS

SILK SCREENING
RETRO ARCADE
RASPBERRY PI

UNDERWATER ROBOTICS
VINYL CUTTING
VIRTUAL REALITY

DIRECT TO GARMENT
HEAT PRESS
BUTTON MAKING

TECHNOLOGIES...

DTG PRINTER
RETROPIE ARCADE
MINI PI
RASPBERRY PI
PI SENSEHAT
ARDUINO
B.BOARDS

OPENROV
MATE ROV
PHANTOM 3 DRONE
HUBSAN DRONE
IPADS
OCULUS RIFT TOUCH
GREEN SCREEN

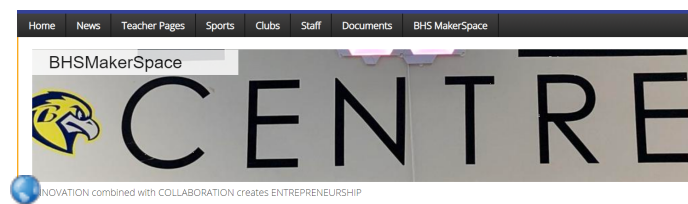
GoPro HERO 3
GoPro SESSION
360FLY
SPHERO
MBOTS
LEGO ROBOTICS
REDBOTS

MAKEY MAKEY
MICRO:BIT
ADAFRUIT WEARABLES
YETI PODCAST
SILOUETTE CAMEO
HEAT PRESS
SILK SCREENING

BHS ICE CENTRE INNOVATION COLLABORATION ENTREPRENEURSHIP
YOUNG ENTREPRENEURS SHOP MAKERSPACE EAGLESNEST PODCAST APPLY MORE...



BHS MakerSpace Tab



- Lessons online.
- Links videos & pictures.
- Links to relevant websites.
- Showcase progress of project.

Coop (MAKE) 120 TechPoint Inventory
 PASS IN EACH TIME YOU COMPLETE AN ACTIVITY.
 Make sure to state the date and choose category!
TechPoint Inventory.doc

CATEGORIES...
P – Promotion of Technology
E – Exploration of Technology
A – Application of Technology



NAME: _____

Date [m/d]	Activity/Product Description	CATEGORIES [P / E / A]	Possible Points	Assigned Points	Complete
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Coop (MAKE) 120 TechPoint Ideas

Promotion	Exploration	Application
Signup & shoutout on Twitter/Instagram (5)	MakerSpace Lunch/Afterschool (5/half hour)	Mentor students not in our class (5/half hour)
Create & contribute on YouTube Channel (5)	Complete a TinkerCad tutorial (5) – max of 4	Work in MakerSpace after hours (5/half hour)
Showcase previous tech skills (5 + more)	Complete Hour of Code (5) – max of 4	MakerSpace Tech in another course (10 + more)
Volunteer at a community event (5/half hour)	Submit an entry for Brilliant Labs (5 + more)	Participate in Scratch Coding Competition (15)
Volunteer at a school event (5/half hour)	Create a PowerPoint explaining tech topic (10)	Deliver PD to teachers (25)
Create a promo video (10)	Organize a guest speaker (20)	Teach lesson with elementary/middle school (25)
Support a community event with tech (10)	Brilliant Labs Challenge (25)	Submit a STEM Fair / Discover project (50)
NOTE...		
Be sure to discuss any other ideas with Mr. Hallihan and I am sure we can come up with an agreement for TechPoints!		

Attachments

TechPoint Inventory.doc