

Pictou County Forest School - Grade 10 Post-Visit Lesson Plans

Science: Weather Dynamics

Activity: Easiest Place to Survive

Specific Curriculum Outcomes:

- **STSE:** 118-2, 117-6, 114-6 identify and report the impact of accurate weather forecasting from the personal to the global point of view
- **Skills:** 214-10, 331-5, 212-1 identify questions and analyze meteorological data for a given time span and predict future weather conditions, using appropriate technologies

Materials:

Survivorman episode: Kalahari Desert

<https://www.youtube.com/watch?v=Noe5Qs2D5tM>

Survivorman episode: Alaska

<https://www.youtube.com/watch?v=oOhpc0129po>

Top Camping Items

<https://www.rei.com/learn/expert-advice/family-camping-checklist.html>

World's Best Places to Survive in the Wilderness

<https://survival-kompass.de/en/the-best-places-to-survive-in-the-wilderness/#:~:text=To%20survive%20in%20the%20wilderness%2C%20the%20best%20place%20is%20a.should%20not%20be%20too%20extreme.>

Context:

Have a discussion around the essentials that sustain life (e.g., oxygen, water, food, shelter, fire). Discuss how these things are achieved in our lives. Talk with the students about being put in a survival situation in Nova Scotia (pick a season). How difficult is it to survive in Pictou County with regards to finding access to clean drinking water; finding food; creating shelter etc? Contrast Pictou County to a desert or arctic environment. What are the similarities? What are the differences? Which one is harder to survive?

Activity:

Have students develop a set of criteria that helps them choose a location that is really easy to achieve short to long term survival.

Criteria can focus on lots of different variables, with each student placing importance on different factors (e.g., yearly days of rain; average temperature; access to fresh water via lakes and rivers; building supplies etc.)

Students can make a poster or Powerpoint presentation highlighting what they think would be the easiest place to survive.

- E.g., "I think the rain forest in Costa Rica would be the easiest place to survive because, although there are lots of annoying insects, there are lots of fruit growing wild in the jungles. You can also easily make a shelter out of saplings, vines and palm leaves."