



## Raincoast Field School @home

### Raincoast Challenge - Bog Ecology and Beach Formation

*This week with Raincoast Field School we have been exploring how our peninsula's rocky headlands and beaches were formed, and the resulting sand and clay debris that has lined our coastline and caused bogs to develop! Bogs are a very unique ecosystem that do so much for our planet! Many bogs can be found between Ucluelet and Tofino. Take a look and see what you can find!*

**Challenge #1-** Visit a beach near Tofino and a beach near Ucluelet.

What differences do you notice?

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Why do you think the sand beaches between Florencia Bay and Tofino are different from the sand beaches near Ucluelet?

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**Challenge #2-** Visit a bog in your area. Using the bog identification sheet (found at the end of this package), list all the species that you discover at your bog!

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**Challenge #3** - Pick a favourite bog species and draw it!

**Challenge #4** – tell us some interesting facts about your species!

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**Bog Cilkwas (soft wet ground)  
Species Identification Sheet**



Labrador tea (*Rhododendro groenlandicum*)



Twin Flower (*Linnaea borealis*)



Slough Sedge c'tapt (*Carex obnupta*  
*parvifolium*)



Red huckleberry his?inwa (*Vaccinium*)



Oregon beaked moss (*Kindbergia oregana*)



Lanky moss (*Rhytidiadelphus loreus*)



Bunch berry or Dwarf dogwood  
(*Cornus Canadensis*)



Salal Y'am'a (*Gaultheria shallon*)



Deer fern kaackuuxsmapt (*Blechnum spicant*  
*dialataum*)



False lily of the valley (*maianthemum*)



Running clubmoss (*lycopodium clavatum*)



False azalea (*Menziesia ferruginea*)



Sundew (*Drosera*)



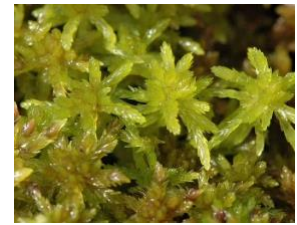
Shore pine (*Pinus cantorta va. Contorta*)



Skunk cabbage (*Lysichiton americanum*).



Small red peat moss  
(*Sphagnum spp.*)



Common green sphagnum  
(*Sphagnum spp*)