

Green's Point

Name: _____

The following questions are to be completed following viewing the 360° Green's Point video available on the 'Dive Deeper' virtual exhibit <https://divedeeper.site/sites/greens-point/>

Watch the whole video without changing the view. Watch it again, but look around:

How do the species in the Green's Point video differ from those in the Deer Island video (in terms of number of species and number of individuals)? Which location has the highest biodiversity? Explain.

Use the species pages in the exhibit to find the common names of the seaweed below.

Ascophyllum nodosum: _____ *Fucus vesiculosus*: _____

Seaweeds photosynthesize, just like plants on land. In order to thrive they need clean water, CO₂, lots of nutrients and good sunlight. Based on this information explain why there is more seaweed at Green's Point than there was at Deer Island.

How can animals take advantage of seaweed in their habitat?

Watch the video again, paying close attention to the white, volcano-like creatures at 0:46. These are Northern Rock Barnacles (*Semibalanus balanoides*). Which of the following behaviours are they displaying? Circle your answer.

Feeding behaviour

Reproduction behaviour

Communication behaviour

How does this behaviour work? (use the species page)
