

BAINBRIDGE PUBLIC LIBRARY SHORELINE GEOCACHE QUEST - CLUES

1. Moderately Difficult. Avoid high tides. Some climbing over or maneuvering around logs may be required. Wear shoes with good traction, and be mindful of slippery rocks.

Lat. 47 35 __.65
Long. 122 31 __.96

Latitude: How does a sea anemone catch its food?

- 19. *It waits for another animal to brush against its tentacles, then it stings the other animal and eats it.*
- 22. *It glides slowly over rocks, eating algae as it moves.*
- 37. *It pulls water through its body and filters out tiny particles of food.*
- 58. *It reaches out with its tentacles to grab other animals that swim by.*

Longitude: What can you do in your home and yard to help prevent toxic stormwater runoff that pollutes Puget Sound?

- 37. *Make your own or purchase non-toxic cleaning products*
- 19. *Wash your vehicle at a commercial carwash or on your lawn rather than in your driveway*
- 29. *Use organic fertilizer, compost, mulch, and hand weed*
- 68. *Dispose of hazardous wastes and medications properly*
- 15. *Build a raingarden*
- 53. *All of the above.*

Check your answer [here!](#)

2. Easy

Lat. 47 36. __.3
Long. 122 30 __.66

Latitude: The orca whales who live in Puget Sound live in groups called pods. Researchers have discovered that the pods seem to be led by _____?

- 36. *A Dall's porpoise that lives with the pod*
- 57. *The oldest female in the pod*
- 43. *The oldest male in the pod*
- 50. *The strongest male in the pod*

Longitude: How many pieces of plastic litter enter the world's oceans each day?

- 45. *500,000*
- 29. *One million*
- 32. *Three million*
- 33. *Eight million*

Check your answer [here!](#)

3. Moderate. This requires a walk of about 1/4 mile down and back up a fairly steep trail that can get muddy in places after a rainfall. Wear good walking shoes. The wooden parts of the trail can be slippery when wet.

Lat. 47 40 __.1
Long 122 34 __.8

Latitude: What should do if you find a baby seal alone on a beach?

- 40. *Call the police.*

- 16. *Leave it alone*
- 27. *Feed it some fish.*
- 33. *Take it home and put it in the bathtub to keep it wet.*

Longitude: Plastic litter typically bio-degrades in about

- 40. *Never*
- 23. *500 years*
- 38. *1 million years*
- 17. *50 years*

4. **Easy terrain, but requires a bit of a search.**

Lat. 47 36 __.3
Long. 122 33 __.6

Check your answer [here!](#)

Latitude: Why is it important to protect the eelgrass found growing in tideflats?

- 61. *It is an important part of the ocean food chain.*
- 46. *It provides a protective nursery and shelter for many marine and near-shore animals.*
- 24. *It helps prevent erosion.*
- 15. *All of the above.*

Longitude: The major source of pollution in Puget Sound is from:

- 32. *Litter deposited on beaches*
- 54. *Acid rain*
- 5. *Toxic stormwater runoff from homes and businesses*
- 48. *Oil and other spills from ships*

5. **Easy**

Lat. 47 35 __
Long 122 30 __

Check your answer [here!](#)

Latitude: How do mussels protect themselves from predators?

- 50. *They spin out a thread that ties the attacker to a nearby rock or piling*
- 35. *They can change color to blend with the rock or piling that they are attached to*
- 19. *They emit a stinging poison that drives the predator away.*
- 21. *They move rapidly through the water to a new hiding place.*

Longitude: What can you do to protect Puget Sound salmon habitat?

- 22. *Consider alternatives to bulkhead construction.*
- 61. *Keep or install a buffer of native plants along the beach or bluff.*
- 45. *Keep pollutants from going into the Sound.*
- 38. *Keep your septic system from failing with regular inspections and maintenance.*
- 16. *Avoid trampling eelgrass on the beach or damaging eelgrass meadows while boating*
- 56. *All of the above*