



Marine Matters Curriculum 1
LESSON 1 – The Intertidal Zone: Tide and How Creatures Survive
Activity 2 Worksheet for Grades 4-7

Station 1 Salt and Fresh Water

- a) Which is heavier, salt water (coloured blue) or fresh water?
- b) Why?

Station 2 Cold and Warm Water

- a) Which is heavier, cold water or warm water?
- b) Why?

Station 3 “C_____” Force

- a) What shape is the balloon when it is sitting on the counter? (Draw it.)
- b) How does that change when you swing it around yourself? (Draw it.)
- c) Why?
- d) What is the force called?

Station 4 Tides

- a) Imagine you are the earth and the hula hoop is the ocean. What happens when you spin the hula hoop around your waist?

Station 5 Staying Put

- a) How do these animals stay put when the tide comes in?

Barnacle _____

Limpet _____

Crab _____

- b) How do they avoid drying out when the tide goes out?

Barnacle _____

Limpet _____

Crab _____