

BrainReach North – Activity Plan

Title: How Do Neurons Communicate?

Date of last revision: February 24, 2020

Developers: Jessie

Length: 20 minutes

Required materials: Lesson guide (PowerPoint), computer, projector.

Preparation: May have to shift some desks and chairs to make some room to move around and form human chains. Completing the “What are our brains made of?” activity first is recommended, but not required.

General objective / relationship to QC curriculum:

This activity introduces neuronal communication.

QC curriculum:

Progression of Learning in Elementary School- Science and Technology, Living Things:

A.2.a. Describes the functions of certain parts of the anatomy (e.g. brain, neuron).

F.1.a. Appropriately uses terminology related to an understanding of living things.

Performance objectives:

- 1) Understand that neurons are a type of brain cells that send signals.
- 2) Understand the concept that neurons are sending signals within our brain, from our brain to the body, and from our body to the brain.
- 3) Understand that neurons use electrical and chemical signals to communicate.