

OB Brain Owner's Guide.doc

Prealgebra

Name: _____ **Due Date:** _____

WHY: What does brain science tell us about how to learn successfully? How can that help you be successful in this class?

LEARNING OBJECTIVES:

- 1) Identify seven brain-science tenets (principles) of successful learning.
- 2) Describe how to apply these tenets of successful learning to this class.

WARM UP:

- 1) What is a neuron?
- 2) What do you think are some principles for successful learning?

ACTIVITY:

Watch the segments from the CD¹ and answer the questions below.

- 1) During what period of life is the brain able to learn by physically remodeling itself?
- 2) What does “brain plasticity” mean?
- 3) What is a synapse?
- 4) How do we strengthen connections between neurons?
- 5) What are the seven tenets (principles) of successful learning? How can you apply them in this class?
 - a)
 - b)

¹ The Brain Fitness Program (2007). Starring: Peter Coyote Director: Eli Brown. PBS.

OB Brain Owner's Guide.doc

c)

d)

e)

f)

g)