CELEBRATE YOUR BRAIN!!!

“The purpose of learning is growth, and our minds, unlike our bodies, can continue growing as we continue to grow.” – Mortimer Adler

Learning is something to be celebrated! Looking at how much you have learned this year and during this chapter… it is time to celebrate it!!! Pair up with a partner and share the information from below. If you and your partner are able to discuss the information required… put a check in the circle and CELEBRATE!!! (high fives, etc.) If you cannot answer the question fully, leave the circle blank and we will cover it at the end of class.

- List the five four layers of Earth
- List four trends that you would notice while traveling towards Earth's center
- Explain why earthquakes and volcanoes occur where they do
- Explain why we don't have earthquakes in Michigan
- Explain how scientists map the interior of the Earth
- List four pieces of evidence that Wegener used to support his theory of continental drift
- Explain two pieces of evidence that suggest sea-floor spreading has been occurring for a long time.
- Compare and contrast continental and oceanic plate.
- Describe what is happening in a lava lamp and what it has to do with plate tectonics.
- Describe the plate movements, geologic features, and specific examples of divergent, convergent, and transform boundaries.
- Explain how scientists track plate movement.
- Explain what subduction is and how it allows Earth's crust to change without getting any larger. (ring of fire)
- Explain how scientists locate an earthquake's epicenter.
- Identify the instrument scientists use to detect earthquakes.
- Describe the scale scientists use to rate the strength of an earthquake.