

# Brain Compatible Learning



# Let's get it started!!

Please

1. Find a seat with your team.
2. Complete the True/False Quiz on the top of your handout.





# Let's Mix it up!!

1. Stand up
2. At the MUSIC,
3. Mix it up.
4. Stop & find partner
  - A. Name
  - B. Teach
  - C. 1 thing you did this Summer





# Today....

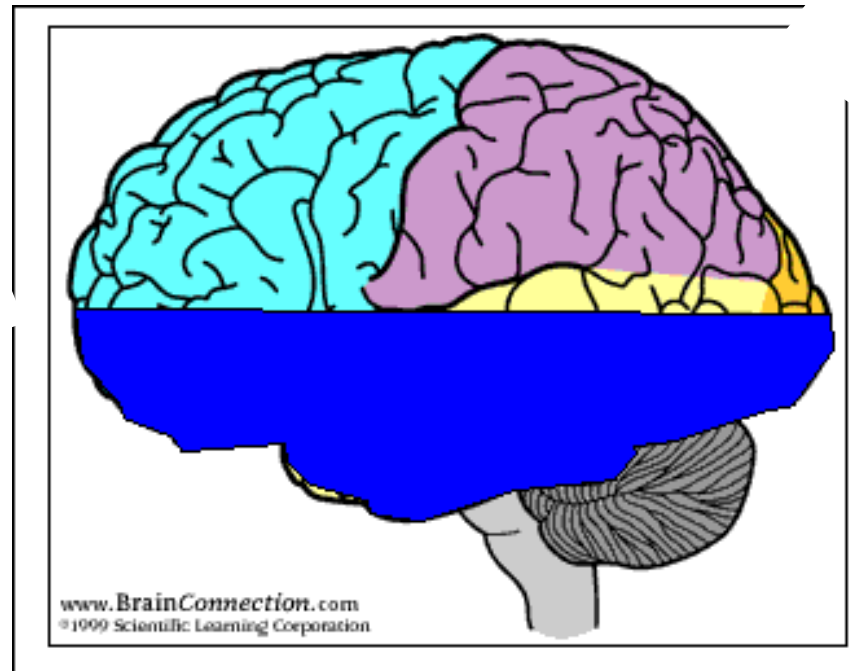
1. What are the basics about the brain?
2. How can I use emotion to engage?
3. What's the impact of threat?
4. How can I manage attention?



What do you already  
know about the brain?

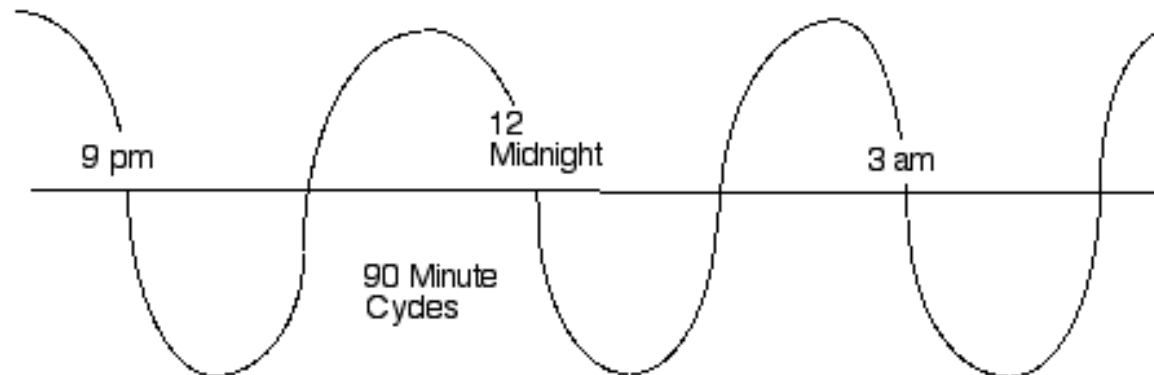
# What do we know about the brain?

80% Water  
10% Protein  
10% Fat



3 pounds  
L controls R  
R controls L

Brain  
Doesn't Sleep  
Brain USES  
the Water



# **Principles of Brain Compatible Learning**



# Emotions

Characteristics of your  
BEST TEACHER



# Threat

Characteristics of your  
WORST TEACHER





happy



surprised



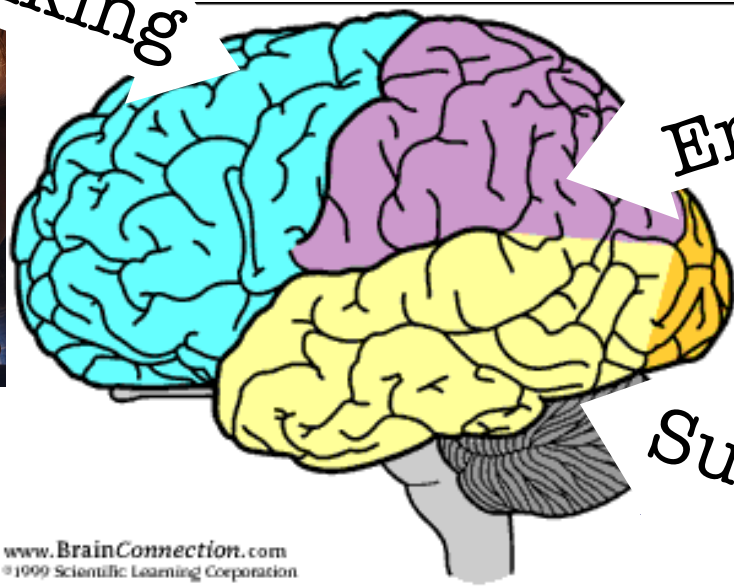
Thinking



Emotions



crazy



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Survival

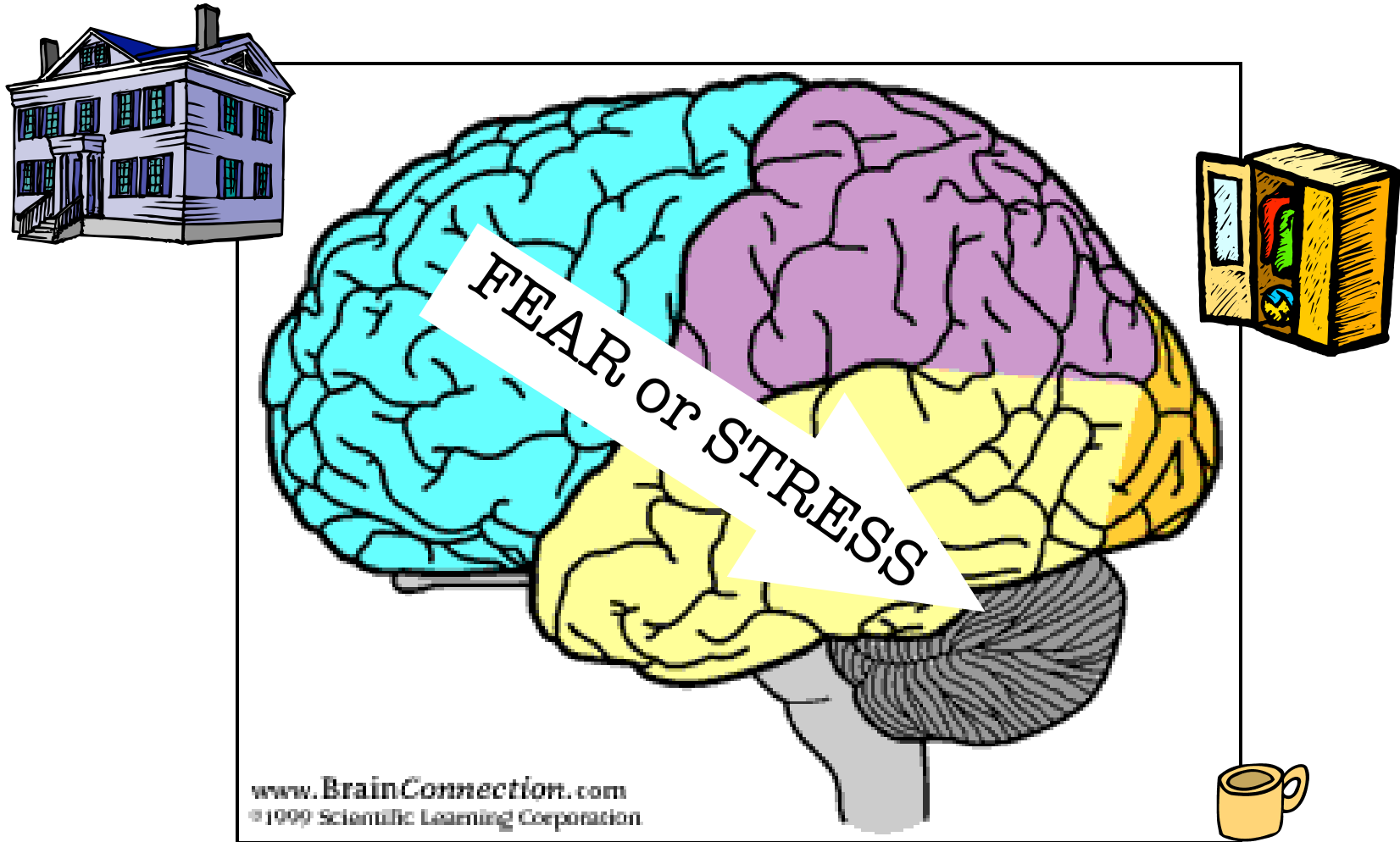


Fight

OR



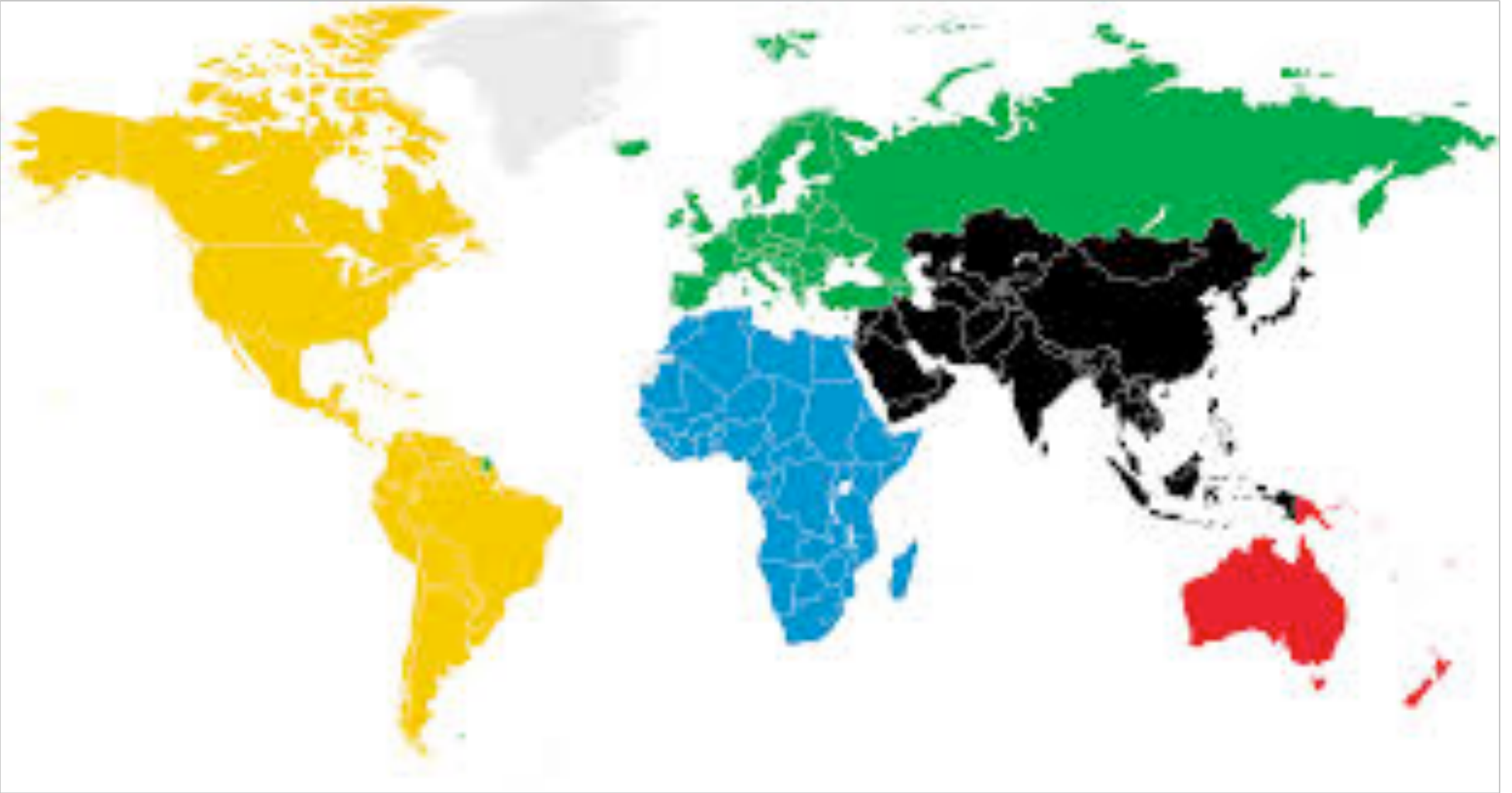
Walk  
Away



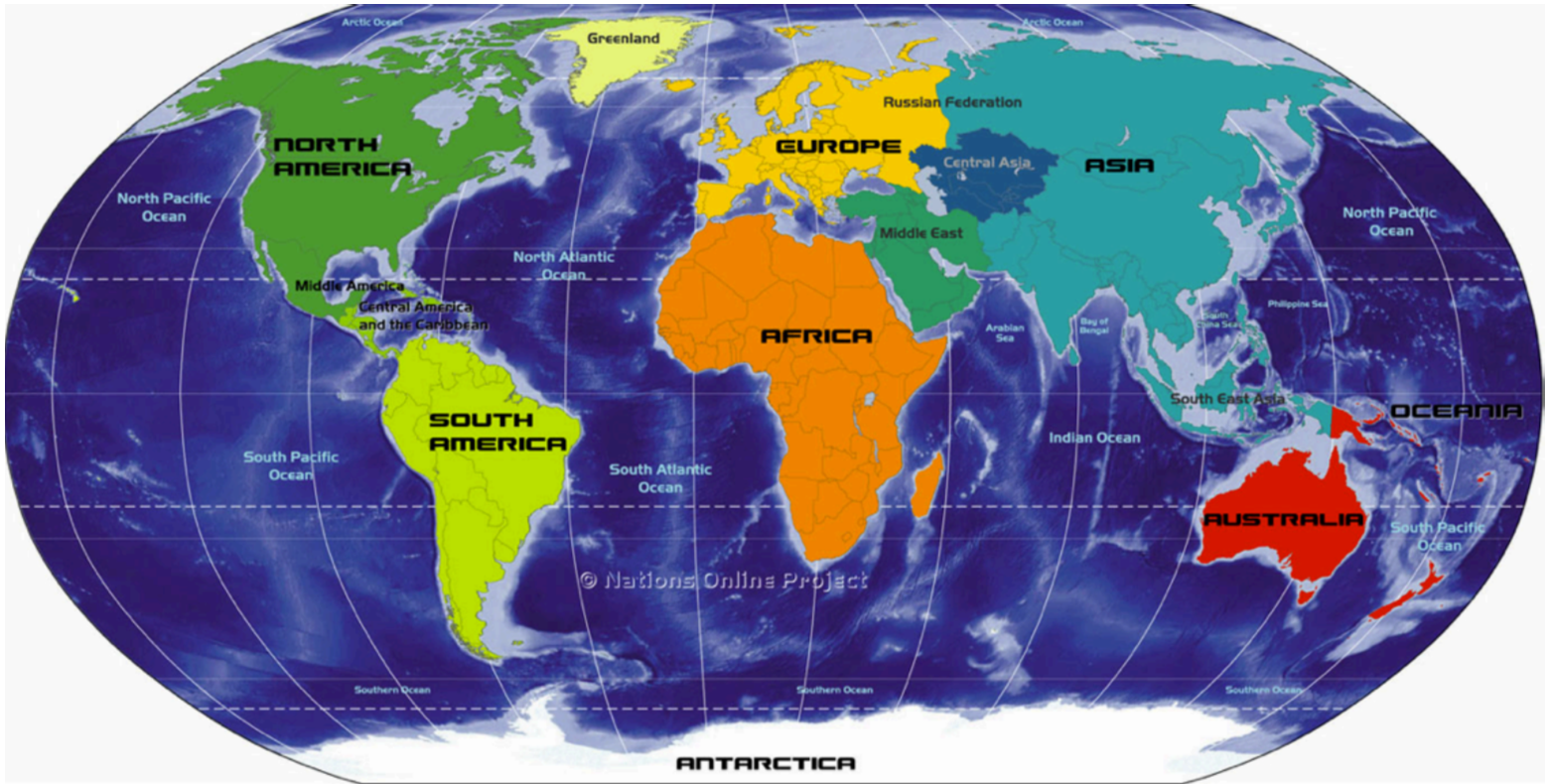
You cannot think and be scared at the same time!!

# Attention









What did you feel  
during this activity?







- **P**ositive Interdependence
- **I**ndividual Accountability
- **E**qual Participation
- **S**imultaneous Interaction

# Numbered Heads Together



1. **T** asks a question
2. **S**'s have X seconds to make sure they know the answer
3. **T** randomly calls on one student
4. **S** answers the question
5. **Class** gives feedback (thumbs up/down)

# Individual Accountability











