



Name: _____ Date: _____ Period: _____

LESSON 6.6

HELMET EGG DROP EXPERIMENT

Let's learn about the importance of protecting your brain! You'll attempt to design a protective container that keeps an egg from breaking when dropped from waist height. Just like a helmet protects your head, let's hope your design will protect your egg!

YOUR CHALLENGE:

Work with your group to design a protective container or cushion that will keep an uncooked egg from breaking when dropped from waist height. You may use only the materials provided and test your design only once, so make it count!

STEP 1: PLAN

Sketch your design below:

STEP 2: EXPLAIN AND PREDICT

Why do you think your design will protect the egg? What will happen when your egg is dropped?

STEP 3: REFLECT

What happened during your drop test? What would you change next time?

STEP 4: CONNECT

How is your egg protector like a helmet? What does this show about how helmets protect your brain?