

# PCPPIRETEACH

## **E. Published Scientific Illustration**

You've been hired by *National Geographic* Magazine to develop a scientific illustration of an unknown plant specimen. Your payment is a potential 50 points.

**Appetizer:** Each team will be given a photograph of a plant or an animal. Pick a part of the organisms body, how does the body plan (ex: leg, beak, wing...) tell you how the organism functions in its environment.

**Focus Question:** What details can you record from your observations through scientific illustration that can tell you about an organism's form and how that affects its function.

**Key Questions to answer in your notebook:**

1. How do you think this organism uses this body part?
2. What does this body tell you about the environment this organism lives in?

**Main Course:** Show *National Geographic* your mad illustration skills of a plant specimen.

### **Materials:**

- Plant specimen
- pencils
- hand lens
- colored pencils/pens
- metric ruler
- tape measure
- notebook
- specimen tray

### **Directions:**

1. Take a few minutes to handle (gently please) and observe your specimen.
2. Place object on the specimen tray and begin your scientific illustration on the artist paper given. Include color.
3. Remember to refer to the *scientific illustration* handout and your previous work in your notebook (this is published work to be turned in and graded)