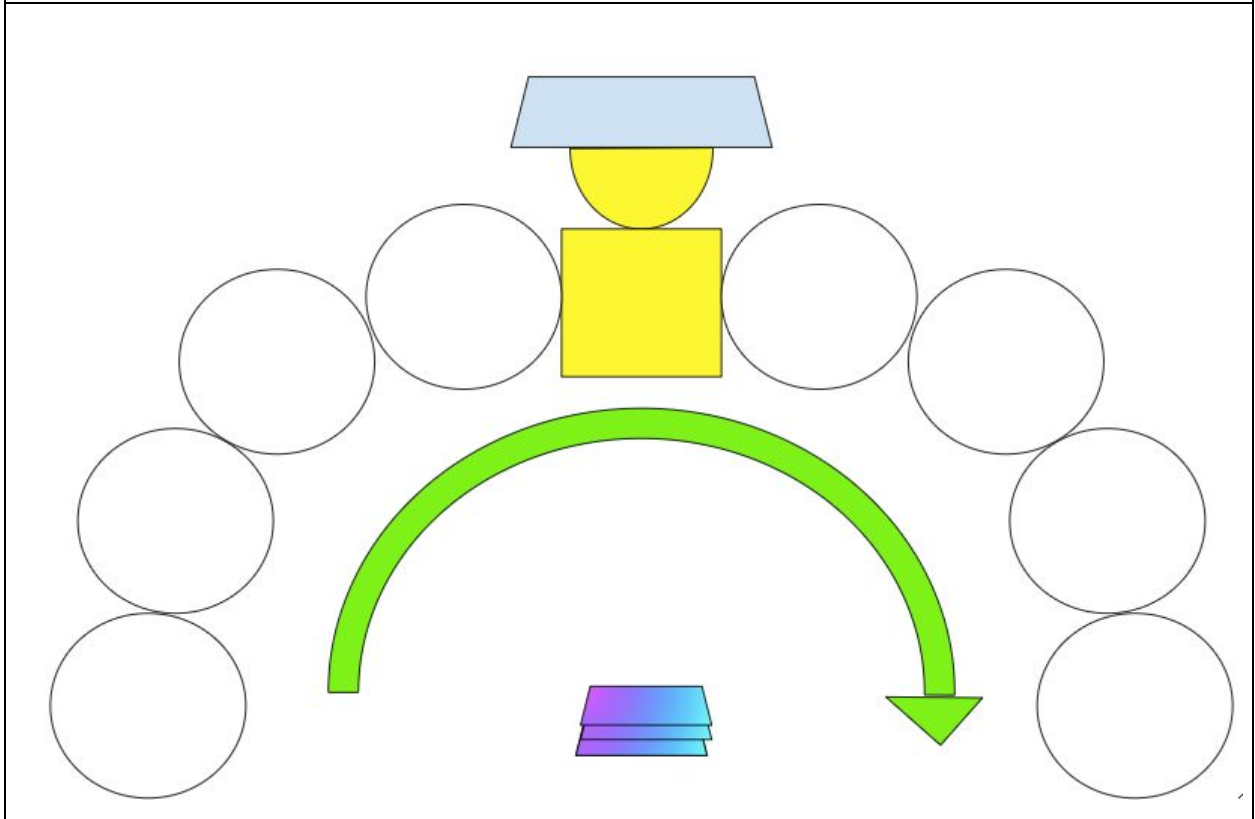


# Cephalopod Camouflage: Beauty that's Skin Deep Part 2

**Activity 1: Let's Simulate Iridophores!**  
**Observation Sheet**

Name: \_\_\_\_\_

Trial 1: Iridophore Only: Using color markers, draw the colors that you see through each cup.



## REFLECTION QUESTIONS

1) What correlations did you notice between the angles and colors that you saw?

2) Based on what you know about thin-film interference, why do you think you saw certain colors at certain angles?

3) This was a model of a set of microscopic structures in the skin of cephalopods. In what ways do you think this was a valid model? In what ways did this fail as a model? Are there any ways you could improve this model to make it more valid?