**Cephalopod Camouflage: Beauty that’s Skin Deep Part 2**



**Activity 1: Let’s Simulate Iridophores!**

**Observation Sheet**

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