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



**Activity 2: Let’s Simulate Iridophores!**

**Observation Sheet**

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| Without Leucophore Layer: Using color markers, draw the colors that you see through each cup. |
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| With Simulated Leucophore Layer: Using color markers, draw the colors that you see through each cup. |
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| Without Leucophore Layer, Under Colored Light: Using color markers, draw the colors that you see through each cup. |
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| With Simulated Leucophore Layer, Under Colored Light: Using color markers, draw the colors that you see through each cup. |
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| **REFLECTION QUESTIONS** |
| 1) What were the differences you noticed between your observations of the Iridophores with the black construction paper and the Iridophores with the aluminum foil (Simulated Leucophore) under ordinary light? |
| 2) How do you account for the observed differences between the Iridophores with the black construction paper and the Iridophores with the aluminum foil? |
| 3) Under colored light, what differences did you notice between your observations of the Iridophores with the black construction paper and the Iridophores with the aluminum foil (Simulated Leucophore)? |
| 4) How might it be beneficial for a cephalopod to have a Leucophore Layer, based on your observations? |