

**CEPHALOPOD SKIN:**

**Student Handout for Activity 2**

1) Describe the kinds of backgrounds for which your chromatophore layer patterns would provide the most effective camouflage. What sorts of things might be in these backgrounds (e.g. sand, pebbles, rock, coral, seaweed), and what sorts of colors might be dominant?

2) What sorts of backgrounds do you think it would be difficult or impossible to camouflage into if you were a cephalopod, and you could **ONLY** use the chromatophore layer? Why would it be difficult or impossible? What would you need to change or add in order to more effectively camouflage over these backgrounds?

Resource written by Randy Otaka