

# OCEAN SPECIES VISUAL LITERACY

## Identification Guide & Anatomical Key

### **Great White Shark** *Carcharodon carcharias*

- Countershaded coloration
- Serrated triangular teeth
- Crescent-shaped caudal fin

### **Green Sea Turtle** *Chelonia mydas*

- Smooth, heart-shaped carapace
- Single pair of prefrontal scales
- Paddle-like flippers

### **Common Octopus** *Octopus vulgaris*

- Saccular body (mantle)
- Complex pigment cells (chromatophores)
- Horizontal slit pupils

### **Lionfish** *Pterois volitans*

- Venomous elongated dorsal spines
- Red, white, and black banding
- Fan-like pectoral fins

### **Empress Angelfish** *Pomacanthus imperator*

- Deep, laterally compressed body
- Electric blue and yellow stripes
- Prominent opercular spine

### **Brain Coral** *Diploria labyrinthiformis*

- Spheroid growth form
- Meandering ridges and valleys
- Calcium carbonate skeleton