

Biology in a Box

Materials List for Unit 1: Fossils

| Item | Quantity |
|---|-----------------|
| Exercise 1: Fossils T/F in two plastic containers: | <u>2</u> |
| #1 - Amber (with insect) | 1 |
| #2 - Muskrat jaw | 1 |
| #3 - Fossil fern impression | 1 |
| #4 - Fossil sand dollar (or related echinoid) | 1 |
| #5 - Modern clam shell | 1 |
| #6 - Gypsum (chunk or "rose" form) | 1 |
| #7 - Fossil ghost shrimp burrow | 1 |
| #8 - Coprolite (8a, 8b, 8c, or 8d) | 1 |
| #9 - Coyote leg bone | 1 |
| #10 - Petrified wood | 1 |
| #11 - Iron concretion / Moqui ball | 1 |
| #12 - Fossil dinosaur tooth (12a or 12b) | 1 |
| #13 - Pottery sherd | 1 |
| #14 - Trilobite fossil | 1 |
| #15 - Fossil tooth (15a, 15b, or 15c) | 1 |
| #16 - Fossil vertebra (16a or 16b) | 1 |
| #17 - Coal | 1 |
| #18 - Fish fossil | 1 |
| #19 - Stromatolite | 1 |
| #20 - Woolly mammoth hair (between plexiglass plates) | 1 |
| #21 - Horsetail rush | 1 |
| #22 - Dinosaur egg shell fossil | 1 |
| Plastic deli cup labeled "Exercise 3c: Half-life Experiment" containing: | <u>1</u> |
| Light-colored poker chips (with a colored dot on one side of each) | 32 |
| Dark-colored poker chips | 32 |
| Round plastic container containing: | <u>1</u> |
| Modern shark jaw | 1 |
| Plastic bag labeled "Exercise 4: Fossil Lineages" containing: | <u>1</u> |
| Bag labeled "Exercise 4.1: Determining a Fossil Lineage" containing: | <u>1</u> |
| <i>Cretalamna appendiculata</i> tooth | 1 |
| <i>Carcharocles auriculatus</i> tooth | 1 |
| <i>Carcharocles chubutensis</i> (or <i>C. angustidens</i>) tooth | 1 |
| <i>Carcharocles megalodon</i> tooth | 1 |
| <i>Otodus obliquus</i> tooth | 1 |
| Bag labeled "Exercise 4.2: Comparing Lineages" containing: | <u>1</u> |
| Crow shark (<i>Squalicorax pristodontus</i>) tooth | 1 |
| Magnifying glass | <u>1</u> |
| Unit 1 Workbook (2012) | <u>1</u> |
| <i>Biology in a Box</i> Teacher Packet containing: | <u>1</u> |
| <i>Biology in a Box</i> Project Overview sheet | 1 |
| "PowerPoint 101" sheet | 1 |
| CD of all <i>Biology in a Box</i> units & activities | 1 |
| Laminated Materials List for Unit 1 (this sheet) | 1 |