

Name _____

Date _____

Pterosaurs: Changes Through Time Answer Key

Analyze images and video clips of the four pterosaurs named in the chart below. Sketch each in the box below its name. Then fill in the chart with information about when each pterosaur lived and its size, physical characteristics, and abilities. The first one has been started for you.

| | Size | Characteristics | Abilities |
|---|---|---|---|
| Dimorphodon Lived <u>200</u> mya Drawings will vary | <ul style="list-style-type: none"> Skull: 22 cm (8.7 inches) long Wingspan: 1m (3.3 feet) | <ol style="list-style-type: none"> Wings Insect eater Lived high up in trees | <ul style="list-style-type: none"> To fly and catch insects To fly away from predators or danger |
| Darwinopterus Lived <u>160</u> mya Drawings will vary | <ul style="list-style-type: none"> Skull: 19 cm (7.4 inches) Wingspan: 1 m (3.2 feet) | <ol style="list-style-type: none"> Streamlined head Light body Stiff long tail Smaller legs | <ul style="list-style-type: none"> To catch prey while flying To (possibly) catch larger prey than insects |
| Tapejara Lived <u>115</u> mya Drawings will vary | <ul style="list-style-type: none"> Skull height: 86.6 cm (2.8 feet) Wingspan: 4 m (13 feet) | <ol style="list-style-type: none"> Large head and crest Colors and patterns on head crest | <ul style="list-style-type: none"> To fly and to sail across water To move quickly across the water in search of prey To take off quickly in flight to avoid predators To find a mate |
| Quetzalcoatlus Lived <u>71</u> mya Drawings will vary | <ul style="list-style-type: none"> As tall as a giraffe Wingspan: 10-12 m (33-40 feet) Beak length: 2.5 m (8.2 feet) | <ol style="list-style-type: none"> Enormous, long toothless beak Keen eyesight Small feet and long legs Powerful leg and flight muscles | <ul style="list-style-type: none"> To swallow prey whole To launch itself quickly into the air To travel great distances To fly at high speeds of 80 mph |

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