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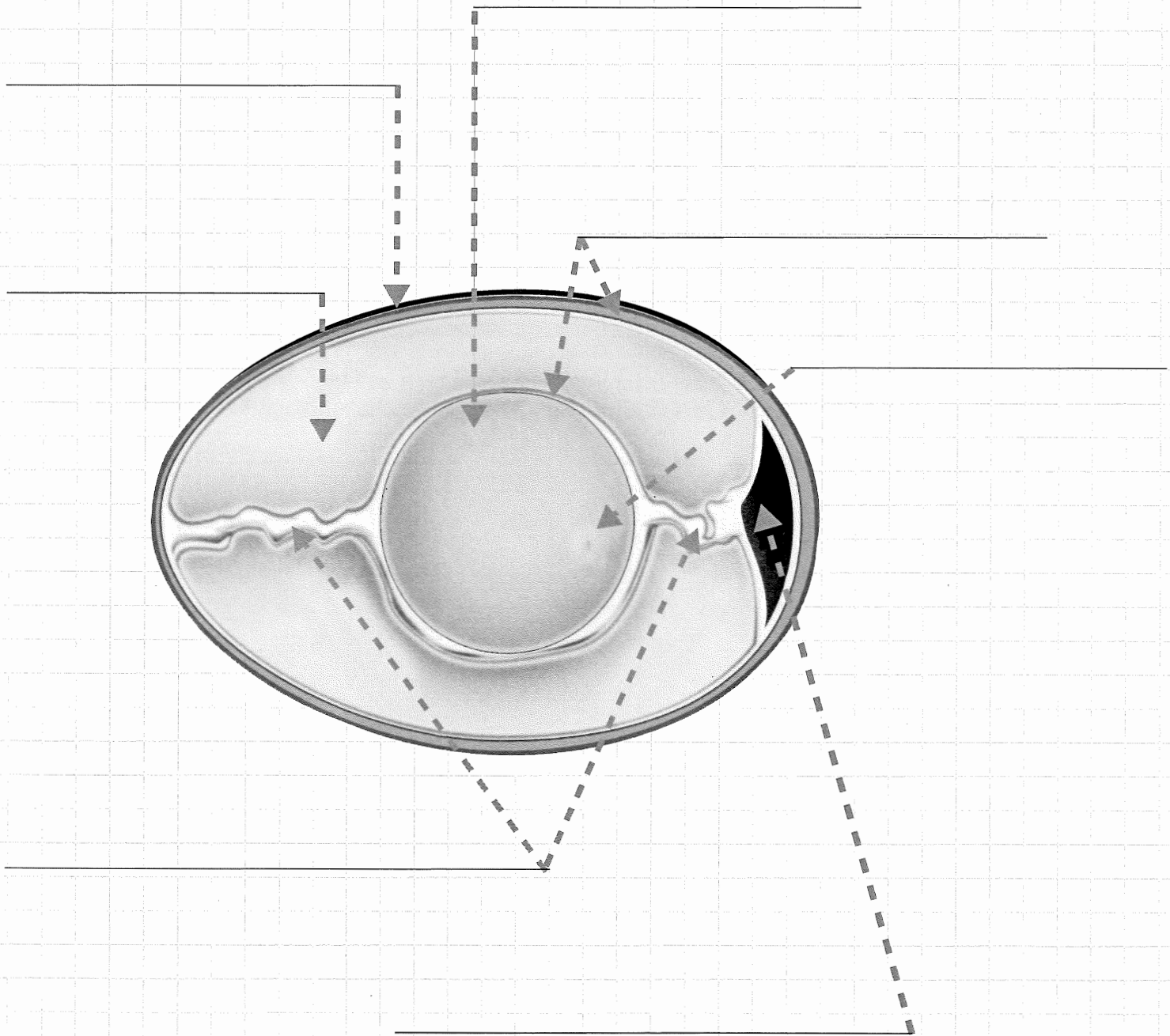
Extension
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Scientists OBSERVE

The diagram shows the anatomy (parts) of an egg. Every part has an important job. Use the word box and definitions to label the diagram.

**Word Box**

Air Cell

Albumen

Chalazae

Membranes

Shell

Yolk



What's inside an egg? How do the parts help a chick survive?

Air Cell—Small pocket of air that forms between the membranes at the egg's wider end. A source of air for the chick when it starts to breathe soon before it hatches.

Albumen—Commonly known as the egg white. Surrounds the yolk. Composed of water and dissolved protein (albumin). Provides food for the growing embryo. Keeps embryo moist and cushioned when the hen sits on the egg and turns it.

Chalazae—Two ropes of egg white that hold the yolk in the center of the egg.

Germ Spot—The white spot on the yolk that shows if an egg is fertile or not.

Membranes—Two thin, transparent layers of protein. One holds the yolk. One holds the albumen. Membranes keep bacteria from getting inside.

Shell—Hard outer covering, made of calcium carbonate. Protects the growing chick.

Yolk—Stored food to feed the embryo while it grows. Contains vitamins and minerals, some fat, and more protein than the white. Almost used up by hatching time.

How do you say
chalazae?



ka-LAY-zee

Ohio State University Extension. (2016).
ChickQuest. Columbus, Ohio.

Date _____ Initial _____