

Life Cycle of a Chicken

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Life Cycle of a Chicken

Mission #1

Reproduction: The Formation of an Egg

The Yolk: The chicken egg starts as an egg yolk inside a hen. A yolk is produced by the hen's ovary in a process called ovulation.

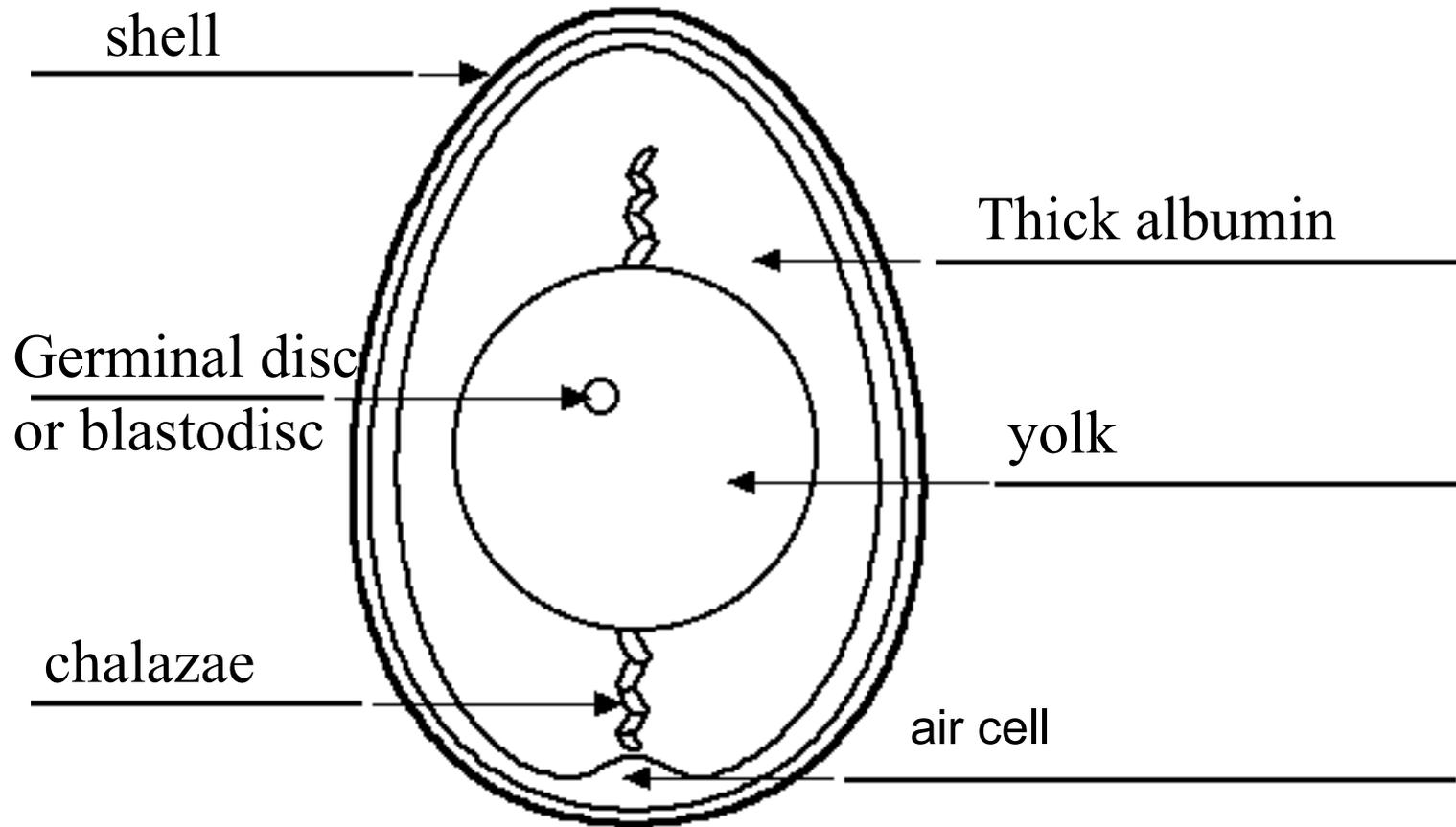
The Egg White : The yolk continues down the oviduct (whether or no it is fertilized) and is covered with membrane (called the vitaline membrane) , structural fibres, and layers of albumin (the egg white). This part of the oviduct is called magnus.

Hatching Eggs

Mission #2

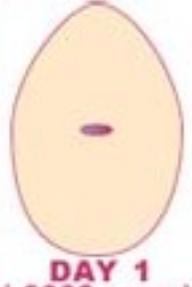
The rooster must be present for an egg to be fertilized. Most eggs that you buy at the supermarket are from hens that are raised without a rooster being present. Roosters are not necessary at egg farms where eggs are produced for consumption. Eggs for inculation are grown at special farms called breeder farms where roosters are present with the hens.

Inside a Chicken Egg



Inside a Chicken Egg

Mission #3

Day 1	Day 6	Day 13
 <p>The area pellucida and area opaca of the blastoderm develop .</p>	 <p>The allantois begins to fuse with the chorion. The ribs begin to appear.</p>	 <p>Fingers of the wings are covered with feather papillae.</p>

From Egg to Chick

Mission #4

Day 17



Fingers of the wings are covered with feather papillae.

The left and right collar bones fuse to form the wishbone

Day 21



Exhausted and wet - but alive - the chick has hatched .

Hear from the EGGxperts...

What have you learnt? What was most interesting?
What was challenging for you and your partner?

We learnt to cooperate with each other.

Creating the slides was the most interesting part of the project but it was difficult to get the correct spelling of the words.

Websites Used

<http://chickscope.itg.uiuc.edu/explore/embryology/>

<http://www.enchantedlearning.com/subjects/birds/info/chicken.shtm>

¹
<http://chickscope.itg.uiuc.edu/explore/embryology/day21/>



Thank you!