

## Candling Eggs

Candling eggs does two things:

1. It helps detect which eggs are developing into an embryo.
2. It allows you to watch the embryos grow and develop over the course of 21 days.

In order to candle the eggs, you will need a candler or a small flashlight. A cell phone flashlight works well if a candler or small flashlight are not available. You can also build a candler in your classroom. To build a candler, take a small cardboard box and cut out a small hole (about the size of a quarter) and place a light inside the box.

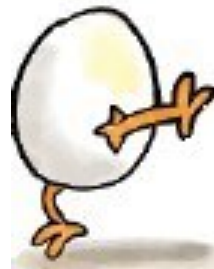
Candling eggs is easy! All you need to do is place the egg on top of the light source. When the light shines on/through the egg, one of three results may occur:

1. The light will pass through the egg completely indicating there is no embryo or it stopped developing early on.
2. The light will pass through partially indicating the embryo is developing and you will be able to detect the air cell.
3. There will mainly be shadows indicating the chick is nearing the hatch date.

\*Dark or thick shells may make identifying embryos/air cells difficult because of limited visibility.

If you would like a staff member from the Extension Office to demonstrate candling, please contact us to schedule a date and time.

Refer to “How to Make an Egg Candler” insert if you are interested in making your own egg candler!



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