

Chick Hatching Project



April 2018

Winfield Public Library

Week 3 Update

Tuesday, April 24: Day 14

The warm spring weather seems to be impacting the temperature and humidity inside the incubator. We frequently had to remove a vent plug to keep the humidity at the required level, and we turned the thermostat down a little bit. Inside the egg the embryo is turning its head towards the blunt end of the egg in preparation for hatching.

Wednesday, April 25: Day 15

The incubator temperature was still a little warmer than usual. We candled the remaining eggs and determined that four of them were infertile. Inside the egg, the small intestines are taken into the body.

Thursday, April 26: Day 16

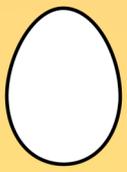
Our incubator was heating up! We turned the thermostat down quite a bit and added more water to maintain the desired conditions. We also verified that four of the eggs were infertile, and we removed them from the incubator. That leaves us with 20 fertile eggs. Inside the egg, feathers now completely cover the body.

Friday, April 27: Day 17

Lockdown day is here! We took the eggs out and placed them gently in our egg cartons while we removed our automatic egg turner, added more water in the troughs and placed two sponges inside the incubator and returned the eggs in the incubator. Our temperatures and humidity were fluctuating and we had to do some adjustments by taking the plug out. By the time the library closed the numbers were on target.

Saturday, April 28: Day 18

We had to continue to monitor the temperature and humidity today. By the end of the day we were happy with the numbers. Our chicks growth is nearly complete now.



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Sunday, April 29: Day 19

The YS librarian made a trip to the library to check on the incubator and found the temperature at about 102 and humidity was at 60 %. To increase the humidity warm water was added with a straw and funnel to the sponge. Today the yolk sac is drawn into the body.

Monday, April 30: Day 20

Our chicks started chirping and that was music to our ears! Our embryos are chicks now and are breathing air. The wait is almost over.