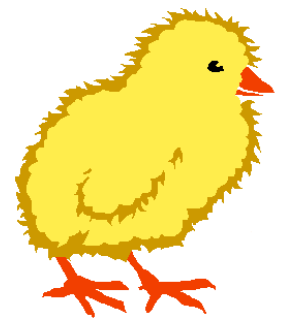




Chick Development

- Day 1 - **eyes** begin to form
- Day 2 - **heart** begins to beat
- Day 5 - formation of **reproductive organs**
- Day 8 - **feathers** begin forming
- Day 10 - **beak** starts to harden
- Day 12 - **toes** fully formed
- Day 14 - **embryo turns** head towards blunt end of egg
- Day 15 - **small intestines** taken into body
- Day 16 - fully covered with **feathers**
- Day 18 - **growth nearly complete**
- Day 19 - **yolk sac** drawn into body
- Day 20 - **embryo becomes chick** and **starts breathing** air in air cell of egg
- Day 21 - **chick hatches**



Emerging From the Shell

- Using its egg tooth, the **chick pips** through the shell and begins breathing
- After making a hole in the shell, the chick **stops and rests** for 3 to 8 hours
- Later, it **cuts an egg cap** and **pushes** about 40 minutes, finally breaking it loose
- After **emerging from the shell**, the chick is virtually exhausted and rests
- It will be 8 to 20 hours before the chick is **dry and completely alert**