

CHICKEN EGG AND EMBRYOLOGY EXERCISE

1. **CHICKEN EGG:** Use a microscope to observe an embryonic chick or group of chicks through the egg shell window.

OBJECTIVES**Embryonic Egg**

- You will observe:
- Shell, shell membrane
- Blastoderm, vitelline membrane
- Yolk, chalazae, air cell, germinal disc

Embryonic Chick

A chicken is a group of tissues that includes an embryo, yolk, but not a shell and air cell.

- Chick embryo, air cell, yolk, vitelline membrane
- Blastoderm, vitelline membrane, vitelline space
- Air cell, vitelline space, vitelline membrane
- Yolk, vitelline space, vitelline membrane, vitelline space

Embryonic Chick

A chick is a group of tissues that includes a shell and air cell.

- After you hatch your chickens, you can make:
- The chick's cell body, cell membrane, vitelline space
- Vitelline space, vitelline membrane, vitelline space

How to: All chicken after the egg-hatch process, then observe (keep well covered)

1. Before you hatch your chick, you should observe:
2. Shell, shell membrane, vitelline space, vitelline membrane
3. Blastoderm, vitelline membrane, vitelline space, vitelline membrane
4. Yolk, vitelline space, vitelline membrane
5. Air cell, vitelline space, vitelline membrane
6. Cell membrane, vitelline membrane, vitelline space
7. Vitelline space, vitelline membrane, vitelline space
8. Vitelline space, vitelline membrane, vitelline space
9. Vitelline space, vitelline membrane, vitelline space
10. Vitelline space, vitelline membrane, vitelline space
11. Vitelline space, vitelline membrane, vitelline space
12. Vitelline space, vitelline membrane, vitelline space

How to: After you hatch your chickens, you can make (keep well covered) a chick of paper, but not a chick of paper. Add a shell, and a vitelline space.