

**Mitosis**

**Microscope**

**To remove**

**Enucleation**

**Egg cell**

**cloning ?**

**FINISH !**

**Embryo**

**Cytoplasm**

**DNA**

**Surrogate mother**

**Petri dish**

Roll the dice to reach the star! Each square contains a notion that you have to define to stay there otherwise you go back to your previous position. You must roll the exact number needed to land on the star!

**Morula**

**Nucleus**

**Sharp pipette**

**Blunt pipette**

**Somatic cell**

**Bad**

**luck : go back 3 spaces**

**Bad**

**luck : go back 3 spaces**

**Womb**

**Good luck : you win 3 spaces**

**START**

**Answers :**

1. **Somatic cell:** A somatic cell is any cell that makes up an organism, except for a reproductive cell. For example, the cells that make up your skin are all somatic cells.

2. **Cytoplasm:** the liquid inside a cell

3. **Embryo**: An organism in the early stages of growth and differentiation, from fertilization to the beginning of the third month of [pregnancy](http://www.medicinenet.com/pregnancy/article.htm) (in humans). After that point in time, an embryo is called a fetus.

4. **Morula:** an early stage embryo consisting of 16 to 64 cells.

5. **DNA**: Deoxyribonucleic acid or DNA is a molecule that contains the instructions an organism needs to develop, live and reproduce

6. **Microscope:** an optical instrument having a magnifying lens for inspecting objects too small to be seen in detail by the unaided eye.

7. **Womb:** the uterus of the human female and certain higher mammals.

8. **Nucleus**: A membrane-bound organelle within a eukaryotic cell that contains DNA.

9. **Mitosis:** cell division

10. Egg cell: the female reproductive cell

11. **Surrogate mother:** A person or animal which takes on the pregnancy for another person/animal.

12. **To remove**: to take away

13. **Blunt pipette:** a pipette used to hold a cell under the microscope so that it won’t move during the manipulation.

14. **Sharp pipette :** a pipette used to remove or to inject a nucleus inside a cell

15. **Enucleation**: the process of removing the nucleus of a cell

16. **Petri dish:** a small container made of thin glass or plastic with a loose cover that biologists use for cell culture.