

## 7<sup>th</sup> Grade Life Science

### **Reproduction - Study Guide:**

Understand the meanings of the following Key Science Words/Terms:

Gamete, fertilization, zygote, vegetative propagation, pollen, embryo, seed, ovule, fruit, menstruation, placenta, umbilical cord, fetus, pistil, stamen, binary fission, budding, twins,

Textbook pages:

1. Know about different types of asexual reproduction. Know about the advantages and disadvantages of sexual and asexual reproduction. Pp 313-320
2. Know about how plants reproduce asexually. Know the characteristics of angiosperms and gymnosperms. Know the structure of a flower and be able to identify the reproductive structures and know their functions. Be able to describe how sexual reproduction in plants produces seeds and fruit. Pp 356-588
3. Be able to describe the specialized reproductive cells and organs in humans. Understand the process of menstruation. Explain fertilization and pregnancy in humans. Describe how a human embryo and fetus develop during pregnancy. Be able to explain the production of fraternal and identical twins. Pp 333-340
4. Review the chapter summaries, vocabulary and questions. Pp 342-345

### **Some helpful strategies for studying:**

- Write summaries of all the key points.
- Use Flash cards for vocabulary practice.
- Create drawings and tables to help compare and contrast.
- Practice drawing and completing punnet squares and pedigree charts.
- Practice questions in the review section.
- Work with a friend and discuss the information.
- Check with your teacher on anything you are not clear about.
- Try to attend the morning review class.