Essential Questions

1. Illustrate the stages of the cell cycle.

2. Follow chromosomes through the processes of mitosis and cytokinesis.

3. Identify internal and external factors that regulate cell division.

4. Explain cancer in terms of the cell cycle.

5. Explain how chromosome number is maintained during asexual reproduction.

6. Classify the stages of meiosis.

7. Describe how haploid cells develop into gametes.

8. Differentiate between body cells and gametes.

9. How are the processes of mitosis and meiosis similar?

10. How are the processes of mitosis and meiosis different?

11. Identify different types of stem cells.

Essential Questions

1. Illustrate the stages of the cell cycle.

2. Follow chromosomes through the processes of mitosis and cytokinesis.

3. Identify internal and external factors that regulate cell division.

4. Explain cancer in terms of the cell cycle.

5. Explain how chromosome number is maintained during asexual reproduction.

6. Classify the stages of meiosis.

7. Describe how haploid cells develop into gametes.

8. Differentiate between body cells and gametes.

9. How are the processes of mitosis and meiosis similar?

10. How are the processes of mitosis and meiosis different?

11. Identify different types of stem cells.

Essential Questions

1. Illustrate the stages of the cell cycle.

2. Follow chromosomes through the processes of mitosis and cytokinesis.

3. Identify internal and external factors that regulate cell division.

4. Explain cancer in terms of the cell cycle.

5. Explain how chromosome number is maintained during asexual reproduction.

6. Classify the stages of meiosis.

7. Describe how haploid cells develop into gametes.

8. Differentiate between body cells and gametes.

9. How are the processes of mitosis and meiosis similar?

10. How are the processes of mitosis and meiosis different?

11. Identify different types of stem cells.

Essential Questions

1. Illustrate the stages of the cell cycle.

2. Follow chromosomes through the processes of mitosis and cytokinesis.

3. Identify internal and external factors that regulate cell division.

4. Explain cancer in terms of the cell cycle.

5. Explain how chromosome number is maintained during asexual reproduction.

6. Classify the stages of meiosis.

7. Describe how haploid cells develop into gametes.

8. Differentiate between body cells and gametes.

9. How are the processes of mitosis and meiosis similar?

10. How are the processes of mitosis and meiosis different?

11. Identify different types of stem cells.

Essential Questions

1. Illustrate the stages of the cell cycle.

2. Follow chromosomes through the processes of mitosis and cytokinesis.

3. Identify internal and external factors that regulate cell division.

4. Explain cancer in terms of the cell cycle.

5. Explain how chromosome number is maintained during asexual reproduction.

6. Classify the stages of meiosis.

7. Describe how haploid cells develop into gametes.

8. Differentiate between body cells and gametes.

9. How are the processes of mitosis and meiosis similar?

10. How are the processes of mitosis and meiosis different?

11. Identify different types of stem cells.

Essential Questions

1. Illustrate the stages of the cell cycle.

2. Follow chromosomes through the processes of mitosis and cytokinesis.

3. Identify internal and external factors that regulate cell division.

4. Explain cancer in terms of the cell cycle.

5. Explain how chromosome number is maintained during asexual reproduction.

6. Classify the stages of meiosis.

7. Describe how haploid cells develop into gametes.

8. Differentiate between body cells and gametes.

9. How are the processes of mitosis and meiosis similar?

10. How are the processes of mitosis and meiosis different?

11. Identify different types of stem cells.