Foundations of Biology (Mrs. Franklin) Students

Foundation of Biology 4 Weeks March 23 to April 16 2020

Answer questions on your own paper. Make sure to number each answer correctly. Write your name, date, and class period in the top right corner of your answer page. You may write as many answers on one page that will fit front and back.

Week 1, March 23

FB 6.1 Compare and contrast biotic and abiotic factors.

1. Create and complete a T-Chart to list characteristics of biotic and abiotic factors.

2. List 5 examples of biotic factors.

3. List 5 examples of abiotic factors.

4. What does the prefix "a" mean?

5. What does the prefix "bio" mean?

6. Illustrate an ecosystem. Include 5 biotic factors and 5 abiotic factors. Label all factors in illustration. Color illustration.

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Week 2, March 30

FB 6.2 Use models to analyze the cycling of matter in an ecosystem (e.g., water, carbon dioxide/oxygen, nitrogen).

7. Illustrate and label water cycle. Include why water is important to living things.

8. Illustrate and label carbon dioxide cycle. Include why carbon dioxide is important to living things.

9. Illustrate and label oxygen cycle. Include why oxygen is important to living things.

10. Illustrate and label Nitrogen cycle. Include why Nitrogen is important to living things.

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Week 3, April 6

11. FB.6.3 Obtain, evaluate, and communicate information to explain relationships that exist between abiotic and biotic components of an ecosystem. Explain how changes in biotic and abiotic components affect the balance of an ecosystem over time.

*Create a booklet to record information and color drawings to illustrate.

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Week 4, April 13

12. FB 6.4 Develop and use models to discuss the climate, flora, and fauna of the terrestrial and aquatic biomes of the world. (ILLUSTRATIONS MAY BE CREATED IN PLACE OF 3-D MODELS)