7th Grade AgriScience– Week (3-20-17)

TEACHER: JULIE M. MUELLER **GRADE: 7**

Some gone for Science Fair

7-1 & 7-2 FLIP FLOPPING ENGLISH/SCIENCE THIS WEEK

	Monday	Tuesday	Wednesday	Thursday	Friday
OBJECTIVE(S) (WHAT DO I WANT STUDENTS TO KNOW/)	No School – Spring Break 	7-1 is working on their animal report starting today. To research an animal and to prepare a Power Point Presentation that can be shared with their peers. May use either Google Slides or Power Point in Office 365. _____ 7-2 Lessons Distinguish between the biotic and abiotic parts of	7-1: See Tuesday _____ Describe the functions of producers, consumers and decomposers in the ecosystem. Distinguish between a food chain and a food web. Describe how removal of one species affects the entire food web.	7-1: See Tuesday _____ To review food chain, food web, consumer, producer, decomposer.	7-1: See Tuesday – if this group completes prior to the end of the hour we will move back to the classroom. _____ Share recipes for decomposer's dinner. Explain the relationship between carrying capacity and limiting factors. Describe two types of competition. Distinguish between

		the environment. Explain how populations and communities are related. Describe how abiotic parts of the environment affect ecosystems.			mutualism, commensalism, and parasitism. Give an example of coevolution. (This will be at least two days.)
INTRUCTIONAL METHODS (HOW AM I GOING TO INSTRUCT/)		Students will be assigned an animal that starts with either the first letter of their first or last name. _____ Do Directed Reading 18.1, pages 480-483. Vocab 18.1 - optional, but strongly encouraged as we will have quizzes this chapter.	Do Directed Reading 18.2, pages 484-489. Vocab 18.1 – optional, but strongly encouraged.	Hands on activity that has students setting up food chains, webs, and being able to identify with the above listed terms. Have students write an eight step recipe for a decomposer's dinner. The first ingredient is sunlight. They must come up with the other 7.	Introducing using a series of videos entitled "Interactions & Relationships Between Organisms".
ASSESSMENT HOW WILL I ASSESS LEARNING		This project is worth 125 points and students will follow a rubric to complete the project. The rubric spells out how many points for each part. _____ We will correct and discuss 18.1 tomorrow.	Correct & Discuss 18.1	Correct & Discuss 18.2 1st activity informal observation of what the students know. Recipe will be handed in for a grade.	Quiz 18.2 Informal through the videos. Directed Reading to be implemented on Monday.
CLOSURE		7-1 scheduled for computer lab the rest of this week. _____	Quiz 18.1 tomorrow.	Quiz 18.2 for both sections tomorrow. We will share recipes	Science Humor, p 486.

		Video “Levels of Organization in Ecology”.			