



7th Grade AgriScience– Week (2-6-17)

TEACHER: JULIE M. MUELLER

GRADE: 8

	Monday	Tuesday	Wednesday	Thursday	Friday
OBJECTIVE(S) (WHAT DO I WANT STUDENTS TO KNOW/)	To extract DNA from a banana	Wrap up Genetics unit Describe the body plans, nervous systems, and guts of invertebrates. Explain how sponges get food. Describe three cnidarian traits. Describe three kinds of flatworms. Describe the body of a roundworm.	To introduce students to the use of genetic modification in agricultural biotechnology.	Explain how mollusks eat, control body functions, and circulate blood. Describe the four body parts that most mollusks have in common. Describe three annelid worms.	 Dissecting Annelida
INSTRUCTIONAL METHODS (HOW AM I GOING TO INSTRUCT/)	Hands on lab "Extraction of DNA from Banana"	Do Standardized Test Practice, pages 160-161	Hands-on lab "Genetically Modified Plants" – students will start genetically	Do Directed Reading 15.2, pages 388-391.	Hands on lab – students will dissect the earthworm and complete a lab

		Do Directed Reading 15.1, pages 380-387.	<p>modified corn and soybeans and well as corn and soybeans that have not been modified.</p> <p>Students will make observations over a period of time.</p> <p>Teacher will set up genetically modified soybeans that have been planted in soil treated with Roundup.</p>		sheet as they do so.
<p>ASSESSMENT</p> <p>HOW WILL I ASSESS LEARNING</p>	<p>Informal assessment.</p> <p>Students can take some of the DNA home in a tube.</p>	<p>STP to be handed in for a grade.</p> <p>Directed Reading to be discussed and corrected on Thursday.</p>	<p>Students will complete an exit ticket at the end of their observations and class discussion.</p>	<p>Discuss and correct 15.1 Directed Reading.</p>	<p>Students will hand in their lab sheet for a grade.</p>
<p>CLOSURE</p>	<p>Clean up.</p>	<p>Reminder to have Directed Reading 15.1 done for tomorrow.</p>	<p>Reminder to have Directed Reading 15.1 done for tomorrow.</p>	<p>Show worm dissection video.</p>	<p>Clean up.</p>