



# GRADE 5

## Farm to School Lesson Plan

<b>Month:</b>	April
<b>Topic:</b>	Final Review Session
<b>Monthly Essential Question:</b>	What have we learned?
<b>Content Areas Addressed:</b>	Science, Health

### Standards Addressed:

Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area. (CCSS.ELA-LITERACY.RI.5.4)

Engage effectively in a range of collaborative discussion (one-on-one, in groups, and teacher-led) with diverse partners on grade 5 topics and texts, building on others' ideas and expressing their own clearly. (CCSS.ELA-LITERACY.SL.5.1b, c, d)

**Key Terms:** Soil, Native, MyPlate, Processing, Energy, Local  
**Materials Needed:** PowerPoint presentation

**Introduction: (15 min)** This month's lesson will focus on a review of all the material that has been covered throughout the school year in Farm to School. The lesson will begin with a combination of slides that will review past content. A review game will conclude the lesson.

### Development: (10 min)

- **Healthy Soil:** "What is the relationship between healthy soil and healthy food? What are some things we can do to help our community reduce their waste flow?" (compost, recycle, reuse/repurpose, etc.). Do you remember what it means to compost? Composting is when the once living thing is turned into dirt or fertilizer."
- **Native Plants:** "Which plants are native to Wisconsin? We have many native plants living here in Wisconsin. When a plant is native to Wisconsin they can grow and live a happy and healthy life, even with our cold winters and short summers. If our food comes from a plant or animal that is native to Wisconsin, then that food is also considered native to Wisconsin. Apples are native to Wisconsin. There are many different types of apples. Can anyone name a specific apple variety off of the top of their head? Here are some popular apple varieties native to Wisconsin."
- **Food and Nutrition:** "Do you remember talking about healthy eating? There seems to be information about healthy food all around us. Where are some places we get information about healthy food?" (magazines, food containers, research, friends/family/school) Many of you said you are in charge of your own snacks. As you get even older, you are going to take on more and more responsibility for your eating. It's important that you have tools to help you make those decisions, and today we are going to learn how to use some of them. MyPlate is one tool that you can use when you are making decisions about food. What do you notice about the MyPlate graphic?" (at the table, food groups with colors, half plate is fruit and vegetables) MyPlate is especially helpful when you are looking at a whole meal, but it still leaves a lot of decisions up to you."
- **Food System:** "How does this potato become these potato chips? There are many steps in the process of turning a potato into a potato chip. Potatoes are grown and harvest in a field. Potatoes are shipped in a truck to a factory. The potatoes are cut into small pieces. The small slices are fried with oil and packaged into bags. The bags are delivered to the grocery store where we buy them as a snack."
- **Energy:** "Let's pretend this balance is our body. On one side we are going to put food that we need to give us energy. On the other side we have a jump rope that is representing how we can use that energy."
- **Local Food:** "What are local foods? Foods that are grown close to where we live. We discussed food systems with a role playing game. During this role playing game we discovered why it is important to buy local foods from local farmers. We talked about how our food can affect three different categories: environment, economic and social. Can we think of some of these reasons?"

**Sampling & Closure: (5 min)** Conduct local fruit or veggie tasting. Instruct each student to take a 'polite bite' (eat at least one bite and only say polite things). Continue to "Are you Smarter than a 5<sup>th</sup> Grader?" review game. Instructions and trivia questions are on the following page.

# 'Are you Smarter than a 5<sup>th</sup> Grader?' Game Instructions

**Instructions:** 'Are you Smarter than a 5<sup>th</sup> Grader?' is a trivia game to review past material with students. The room should be split into 2-4 groups, depending on the size of the classroom. There are a total of 10 trivia questions. The questions are gathered from content from past lessons. The questions are arranged by grade level and topic. As the grade level increases, so does the difficulty of the question.

**Power Point Directions:** Each group can select what question they will answer. Once you click on the link from the home page, you will be directed to the corresponding question. Be sure to click the "Return" link after the answer slide to be directed back to the home screen to select the next question. You can associate points to each question if you would like, however scoring is not necessary (suggested scoring: 5 points for 5<sup>th</sup> grade question, 4 points for 4<sup>th</sup> grade question, etc.). *"Do you think you are smarter than a 5<sup>th</sup> grader? I am going to ask you questions about the things we learned this year in Farm to School. When it is your groups turn, select the grade level and topic of question you would like to answer. Discuss with your group (quietly) what you think the answer is. At the end of the game we will all get a chance to answer the million dollar question. Are we ready to play?"*

**Google Slides Directions:** Same as Power Point, except you will not be able to return to the Game Board screen. Students will not be able to choose a category, but will just answer the questions in order of the slides.

*"Do you think you are smarter than a 5<sup>th</sup> grader? I am going to ask you questions about the things we learned this year in Farm to School. When it's your group's turn to answer a question, discuss with your group (quietly) what you think the answer is. At the end of the game we will all get a chance to answer the million dollar question.*

## Questions:

### 1<sup>st</sup> Grade

- Healthy Soil: Our landfills are getting too full! Name one thing that we could recycle instead of putting in the landfill.
  - Metal, aluminum, paper, glass, plastic, food
- Food and Nutrition: According to MyPlate, how much of our plate should be fruits and vegetables?
  - Half of our plate should be fruits and vegetables

### 2<sup>nd</sup> Grade

- Native Plants: Are red delicious apples native to WI?
  - Yes, some other native apples are fuji, granny smith, and Macintosh
- Food Systems: Name one step in the process that it took to make a potato into potato chips.
  - Started as a potato which grows underground, then it was shipped to a factory where it was washed and sliced into very thin pieces, from there the potato slices are baked or fried in oil until they resemble what we think of as potato chips, it is then packaged and sold

### 3<sup>rd</sup> Grade

- Native Plants Can you name an animal that is native to Wisconsin?
  - Deer, cows, pigs, horses
- Food and nutrition Name two places we get information about healthy food?
  - Magazines, food containers, research, friends/family, school

### 4<sup>th</sup> Grade

- Local Food System: Name one reason why it is important to buy local food.
  - Support local farmers, keep money in our own community, healthier for our bodies, better for the environment
- Healthy Soil: The once living thing that is turned into dirt or fertilizer. This word starts with a C.
  - Compost

### 5<sup>th</sup> Grade

- Food Systems: There are a lot of steps in the process to get food to our plates. Put these four words in order of how they happen in food preparation: Consumption, Production, distribution, processing.
  - Production, processing, distribution, consumption.
- Energy: There are two things involved in energy balance. What are these two things?
  - The amount of food we eat and the amount of physical activity that we do

The game will end with the million dollar question which is, "What was your favorite thing about Farm to School this year?" This will ensure that all students will win the million dollar question.