

4th Grade, March 30 - April 17th

Resource Used: HMH Science Dimensions Workbook, Grade 4

Topic:

Plant Structure & Function

What Your Student is Learning:

Plants have both internal (inside) and external (outside) structures that serve various functions in growth, survival, behavior, and reproduction. We depend on plants for our survival. Knowing the processes that plants use to obtain energy is key to understanding how energy enters into our ecosystem (or surrounding world).

Background and Context:

Students should read the text, discuss the ideas with you or a classmate by phone, text, or email, and answer the questions in a notebook. [Click here to access the Science Learning Packet.](#)

In Kindergarten through 5th grade, students should engage in science about 3 times a week for 30-45 minutes each session. Therefore, it is recommended that the “Plant Structure & Function” unit be completed between March 16 and April 10th. Below is a suggestion for how you might want to break up the work, but if you haven’t started yet, just start with the first week and go forward from there!

- Week of March 16th: Pages 229 - 248
- Week of March 23rd: Pages 249 - 270
- **Week of March 30th: Pages 271 - 275**
- **Week of April 13th: Pages 276 - 280**

Ways to Support Your Student:

Studying science involves asking questions and being curious! You can help your child by reading along with them and by encouraging them to look closely at the images provided. The charts, pictures, etc. and activities will give them information about the topics reviewed. Additionally, encourage your students to talk or write about their ideas before, during, and after completing the activities. Tell them not to worry about being wrong or not knowing; science is about revising ideas over time based on new information. Students might call or video chat their classmates to discuss these ideas together as well. They should encourage each other to use evidence from the text to support their ideas.

Additional Resource for Parents:

[Tips for Busy Parents](#) who want to support their childrens’ science learning.

Answer keys for the Lesson Checks on student pages 251-253 and 273-275 as well as the Unit Review on pages 278-280 are [available here](#).

Online Resources for Students:

Check out the PBS [website](#) and try some of [these](#) cool activities or [this link](#) to explore plants even more!

Here are a few more activities you can try:

- [Life Cycle of a Plant](#)
- [Structures of Plants and Animals](#)