

NOTE TO TEACHERS USING *What Do Plants Need?*

Thank you for using this video and text as a teaching tool with your students. While we have chosen stopping places and used broad questions to support student meaning-making, you may choose to use the video differently based on the needs of your students. Please feel free to stop and discuss what you feel is important for your students.

EXTENDING THINKING

Some possible discussions might include:

- *Do plants need water and sunlight to grow? What else might they need to grow?*
- *How else can you look after plants to take care of them?*
- *What steps might be needed for the experiments suggested, but not tried, in the book?*
[*Can a seed grow without sunlight? Can a plant have too much water?*]

FOLLOW-UP IDEAS

We have also included follow-up options for students to draw, write, make, or do. Please choose any of the suggestions you feel would benefit your students or create your own. Many of these ideas may also be used as assessment of student learning.



DRAW

Draw and label a picture of what plants need to grow.

Getting thinking going:

- What are some things plants need to grow?
- Do all plants need all the things you drew?



WRITE

Write what you learned about plants.

Getting thinking going:

- What do plants need to grow?
- What was surprising to you?



MAKE

Grow a plant for yourself. Ask an adult for help.

Getting thinking going:

- What materials do I need to make my own plant?
- What will you need to do to care for your plant?



DO

Conduct your own experiment following the steps in the book. Write what you observe over the days of your experiment.

Getting thinking going:

- Which experiment do you want to try?
- What materials will you need?
- What do you observe about the plant over time?