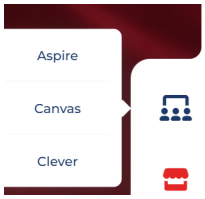
Dear Parents,

Here is the work for our Virtual Learning Day. Please help your student complete assignments.

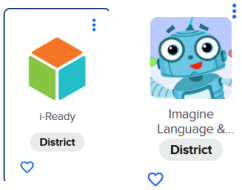
Instructions for Logging in to Canvas



1. Go to hawthornacademy.org
2. Hover over the Clever icon (it looks like this:
3. Click Clever
4. Select “Login with Google”
5. Click

6. Enter your student’s username:
   firstname.lastname (no spaces) followed by @hawthornstudent.org
   Example: *emily.smith@hawthornstudent.org*
   Password: hawthorn lunch number (no spaces)
   Example :hawthorn1234

Accessing iready and imagine learning



1. Once logged in, locate and click the iready icon.
2. This will take them to their lessons they need to work for 15 minutes
3. Once they finish that they will click on the Imagine Learning icon.
4. They will work on this for 20 minutes.

Assignments for the day

1. The assignments are attached, scroll down to see the assignments for today.
2. You can either print the assignments or students can write their answers on a separate piece of paper and turn that in to their teacher when we return to school. Or you can email a picture to the teacher.

Thank you for your support in helping your student succeed on our virtual learning day!

Round to the nearest 1,000

Grade 4 Rounding Worksheet

Example: 4,689 rounded to the nearest 1,000 is 5,000

Round to the nearest thousand.

1) 2,046 = _____	2) 5,246 = _____	3) 5,207 = _____
4) 8,160 = _____	5) 1,776 = _____	6) 9,772 = _____
7) 7,468 = _____	8) 8,385 = _____	9) 6,723 = _____
10) 8,009 = _____	11) 6,494 = _____	12) 3,560 = _____
13) 7,001 = _____	14) 1,170 = _____	15) 8,054 = _____
16) 2,110 = _____	17) 1,432 = _____	18) 7,185 = _____
19) 6,921 = _____	20) 3,095 = _____	21) 9,097 = _____
22) 6,300 = _____	23) 5,794 = _____	24) 9,497 = _____

STRUCTURES IN PLANTS & ANIMALS

A squirrel nibbles on an acorn in a tree. The squirrel's strong teeth break open the nut. After a few minutes, the furry creature's ears perked up. Then, the squirrel runs along the branch, tail stretched out behind it. In that moment, the squirrel used many different structures in their body to stay safe and grow.

All animals and plants have structures that are specially designed to help them survive, grow, and reproduce. There are both internal and external structures. This means that both the inside and outside of animals and plants help them survive. However, plants and animals are very different.

The owl pictured above has many visible external structures that help keep it safe. Can you find some of them? Which ones do you see?

Animal Structures

Many animals have some of the same structures. The external structures are what you can see on the outside of their body. Some examples of external structures are the eyes, skin, and hair or fur.

The animal's eyes play an important role in survival, growth, behavior, and reproduction. With their eyes, animals can see predators. It's one of the best senses they can use to notice danger and get to safety. The eyes are also important to helping animals find food that they use to grow. Eyesight and looks are also important for reproduction. Many animals have special colors and external structures that are used to attract a mate. So, the eyes are important for many animals to see which potential mate is the most attractive.

An animal's skin, hair, or fur are other important structures that play essential roles in helping animals survive. For many animals, their hair or fur provides warmth which is important for survival.

Inside their bodies, animals also have important internal structures. These structures include the animal's organs such as their heart, brain, stomach, and lungs. Each of these structures help the animal stay alive. For example, the heart pumps blood around the body. This helps make sure all of the animal's cells have nutrients and oxygen. The brain is the control center of the animal which it uses to decide how to behave and what decisions to make. The stomach digests the food which helps the animal grow. Finally, the lungs make sure the animal has the oxygen it needs to move and grow.

When you look at these flowers, it might not seem like there are internal structures working hard to help them grow and survive but there's actually a lot going on inside these plants.

Plant Structures

Plants are very different from animals. At first glance, you might think plants don't have external and internal structures. However, they do. The main structures of plants have both external and internal parts.

The main structures of plants are roots, stems, and leaves. The stem helps hold the plant up and lift the leaves to the sun. However, the internal part of the stem moves nutrients from the roots throughout the plant, helping them grow and survive. Leaves also have internal and external structures. Leaves are green because of the chlorophyll in internal structures. On the inside, leaves make their own food through a process called photosynthesis. This process helps plants grow.

Some other interesting external structures of plants are thorns and spines. These sharp structures can help protect the plant from being eaten by animals. Without spines, many plants that live in dry places, like cacti, would be eaten for their water content. So, spines and thorns are important for plants to survive.

Finally, structures like flowers help plants reproduce. The flowers are colorful to attract bees and other pollinators. The pollen on the flowers sticks to the pollinators legs. When the pollinators move from flower to flower, they fertilize the plants and allow them to reproduce.

Thanks to the internal and external structures of plants and animals, they are able to survive in the world. Can you think of any other structures that plants and animals have that help them survive?

VOCABULARY BUILDER

Find the words below in the text. Copy the sentence the word is used in. Then, make an inference about what the word means using context clues. Finally, look up the actual definition using a dictionary. Try drawing a simple sketch to help you remember the meaning of the word.

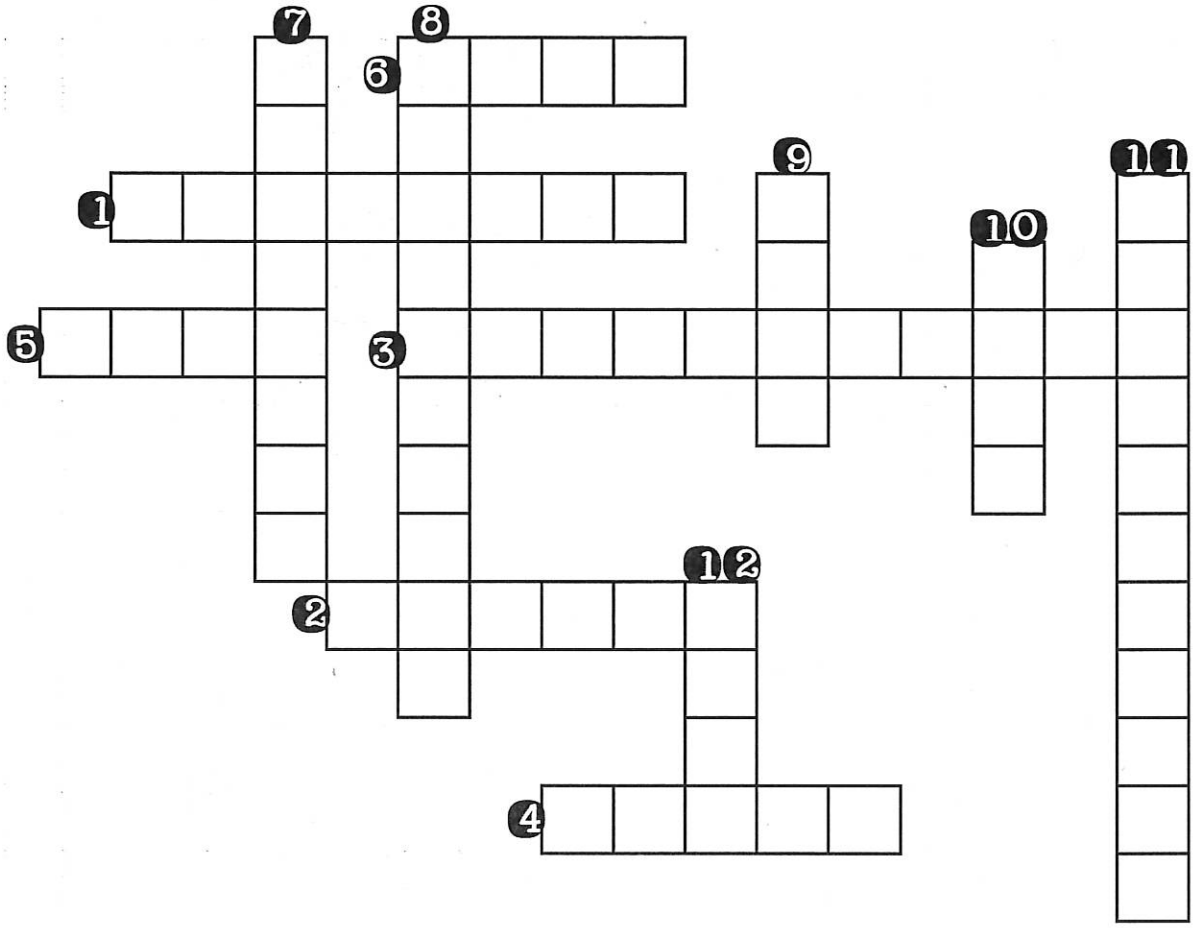
Word	Sentence from Text	Inferred Meaning	Actual Definition & Sketch
structures			
organs			
chlorophyll			

VOCABULARY BUILDER CONTINUED...

Word	Sentence from Text	Inferred Meaning	Actual Definition & Sketch
external			
internal			
essential			
pollinators			

VOCABULARY CROSSWORD PUZZLE

Use the clues below to complete the crossword puzzle.



Across:

1. You cannot easily see _____ structures.
2. _____ are an external structure on a plant.
3. Leaves are green because of _____.
4. Your _____ are an important internal structure that helps you breathe.
5. The external structure covering the top of your head is called _____.
6. A _____ is a structure that helps hold the plant up.

Down:

7. _____ structures are very easy to see.
8. Internal and external _____ help plants and animals grow.
9. Plants produce their own _____ using photosynthesis.
10. The external structure that helps you see are your _____.
11. _____, like bees, help plants reproduce.
12. The external structures covering the outside of the human body is called _____.

STRUCTURES IN ACTION

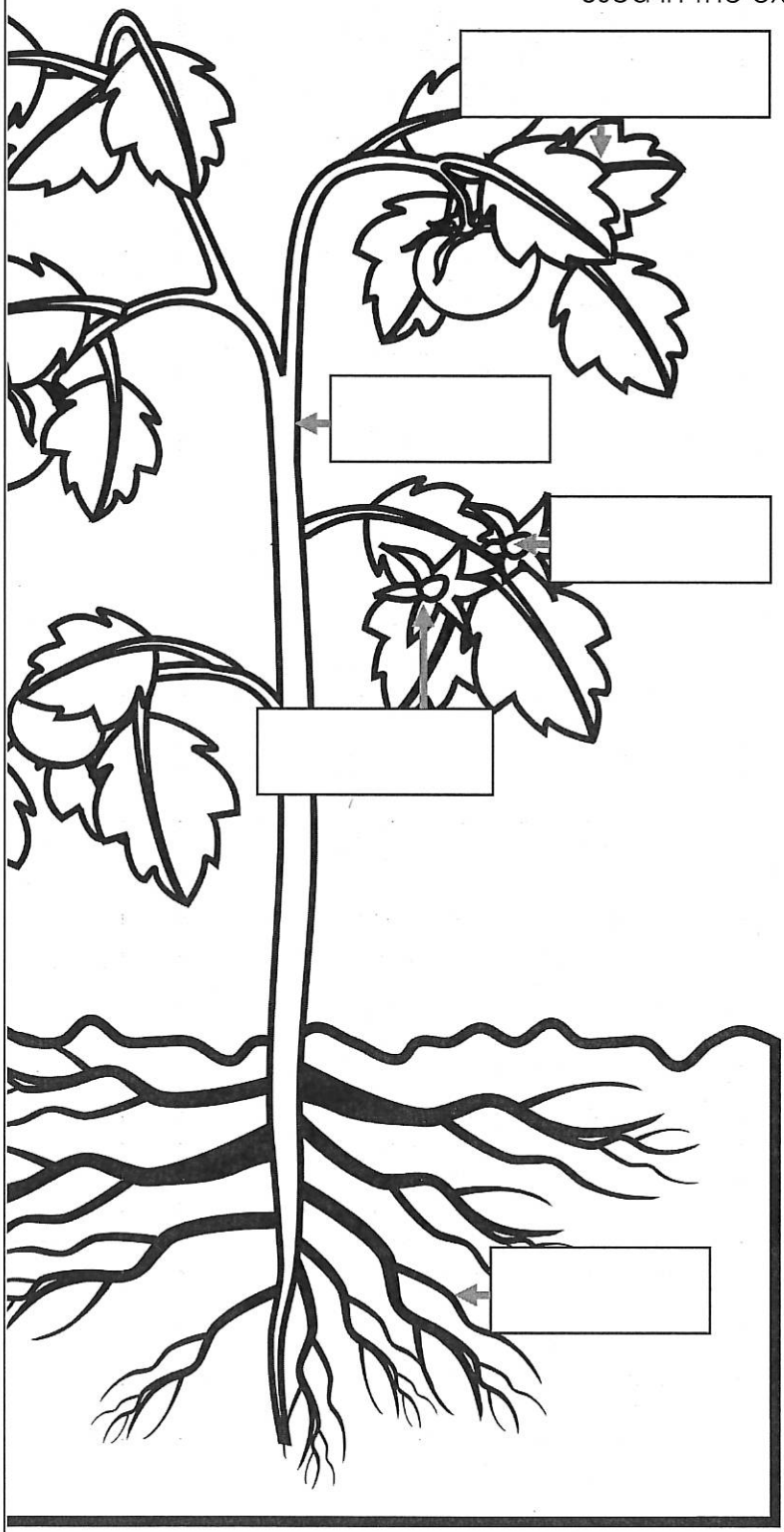
Match the plant or animal on the left to the correct structure in the center. Then, match it with the correct function on the right. Write each complete plant or animal structure description as a sentence below and tell whether it is an internal or external structure. See the first example for help.

Animal	Structure	Function
duck	blubber	help it fly
bear	webbed feet	swim easily
whale	ribs	protect from predators
cactus	wings	help it float and stay warm
sunflower	external seeds	easily reproduce
bird	spines	protect its heart and lungs

1) Ducks have webbed feet to help them swim easily. (external structure)

STRUCTURES of PLANTS

In the diagram below, label the structures on the plant and explain their function. Use the words from the "Word Bank" to help you. Some words will be used to label the plant and some will be used in the explanation.



Word Bank

stem	roots
leaf	flowers
grow	reproduce
fruit	pollen

How do the internal and external structures of a plant help it grow, survive, and reproduce?