



**Professor:** Dr. Allison Downing

**Grade:** Second

**MSCCR Science Standard:**

L.2.3B.1 Evaluate and communicate findings from informational text or other media to describe and to compare how animals interact with other animals and plants in the environment (i.e., predator-prey relationships, herbivore, carnivore, omnivore).

**Learning Objectives:**

TSW identify various items as being a tree product, not a tree product, or both.

TSW use informational text to describe how animals interact with plants in the environment.

**Engage**

“Let’s do a Think-Pair-Share. From where you are sitting, look around and think of everything in this room that might be different if there were no such thing as trees.” Allow a minute for students to come up with some ideas. “Now turn to the person next to you and take turns telling each other what you think would be different.” Allow pair time. “I want a few of you to raise your hands and tell me some of the things you think would be different if there were no such thing as trees.” Allow 3-4 students to share.

**Explore**

TSW will work in small groups (3-4 per group) to classify given items in the Venn diagram (provided) as From a Tree, Not From a Tree, or Both. Ask students to share how they sorted some of the items.

**Explain**

Introduce *Be a Friend to Trees*. Read the book stopping to ask the following questions throughout.

\*May alter pages read based on time.

- (p.10) Look at the diagram. What is the first thing that happens in order to make paper? (Wood chips are cooked with chemicals.)
- (p.10) What are the wood chips called after they become soggy? (pulp)
- (p.10) What must be done to the pulp after the water is drained off? (It is dried, flattened, and then rolled into paper.)
- (p. 12) What are the only living things that can make their own food? (green plants)
- (p. 14-20) What are some of the ways that animals use trees? Turn to a neighbor and share an example from the book.
- (p. 21) How do trees help the soil? (They keep it from washing away.)
- (p. 22) What would happen to people and animals if there were no trees or green plants? (There would be no oxygen to breathe.)
- (p. 23) Where do trees make food? (in their leaves)

- (p. 24) What three things do leaves need to make food? (water, carbon dioxide, and sunlight)
- (p. 30-32) What are some things YOU can do to be a friend to trees? Turn to a neighbor and share an example from the book.

**Elaborate**

Allow students time to return to the Venn diagrams and change any sortings they think need to be moved.

**Evaluate**

Discuss which things came from trees, not from trees, or both. If students have something different from the instructor, have them give supporting evidence as to why they chose the category.

*“Before I leave, I want to thank you for letting me do this activity with you today. Your teacher has a piece of paper with a few questions on it, so I can find out if you learned something new today. You can also let me know how you liked the lesson by circling the face that matches your feelings about the lesson. I had fun and I hope you did, too! Remember, stay curious!”*