



Amazing Construction

Science Explorers: "Berti the Builder" Book

Science Category:

Engineering and Technology

Activity Goal:

Students attend to a science-themed story and participate by matching and/or receptively and expressively identifying different building tools.

Embedded Skill Targets:

Curricular Area	Learning Spectrum	
	Increased support needs	Extended learning
Receptive and Expressive Language	Attending Matching pictures Following one-step directions Imitation with objects Identifying pictures	Receptive/expressive nouns Following two-step directions
Academic Skills	Matching shapes	Identifying items in a book Comprehension of picture books

Materials:

Provided:

- "Berti the Builder" book
- Item pictures

Needed:

- Scissors
- Hook and loop fastener
- Stapler or hole punch
- Ring for binding purposes (optional)

Preparation:

1. Assemble the science book:
 - a. Print and laminate the book pages.
 - b. Staple the top left corner of the pages, or hole-punch the corner and use a binder ring to secure the pages.
2. Print, laminate, and cut out the item pictures.
3. Place hook and loop fastener on the back of each item picture and on the black "shadow" cut-outs on the book pages.

Helpful Learning Tool

- Review the Learning Differentiation Guide to individualize this lesson for each student's learning level.

Instructions:

1. Pass out one item picture to each student.

Note: If you have more students than item pictures, break the class into smaller groups to read the story, or read the story multiple times to give different students a chance to interact with the book.
2. Read the story to the class. On each page with a missing item picture:
 - a. Read the story text.
 - b. Label the missing picture.
 - c. Prompt the student with the matching picture to add it to the story to complete the page.
3. Read the story again with the item pictures added. Encourage students to point to and/or expressively label each picture as you read.
 - a. Read the story text.
 - b. Give the cue "point to the X."
 - c. For students working on expanded expressive labels, immediately ask, "What is it?"
4. Repeat this process until you have read the whole book with the completed pages.



Berti the Builder

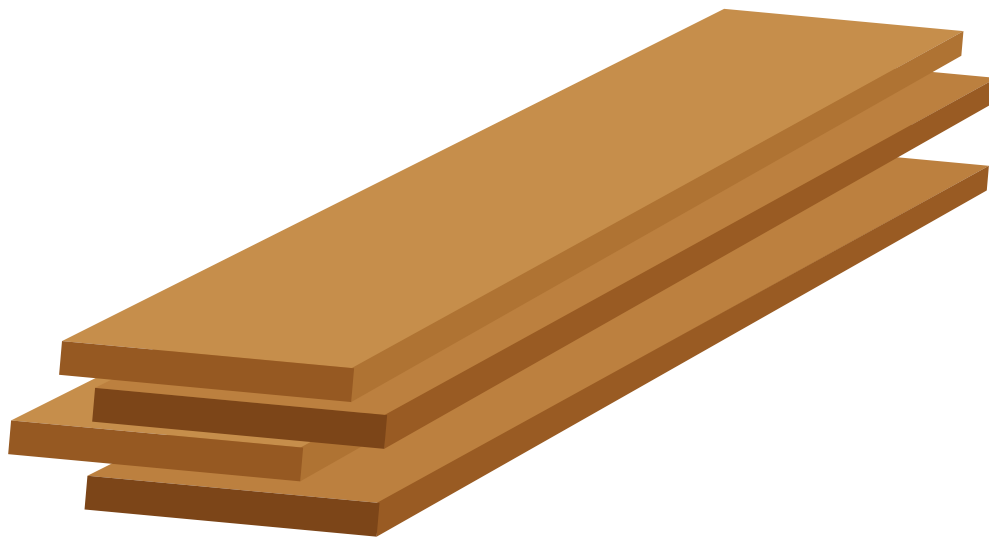


Berti the builder is building a house.

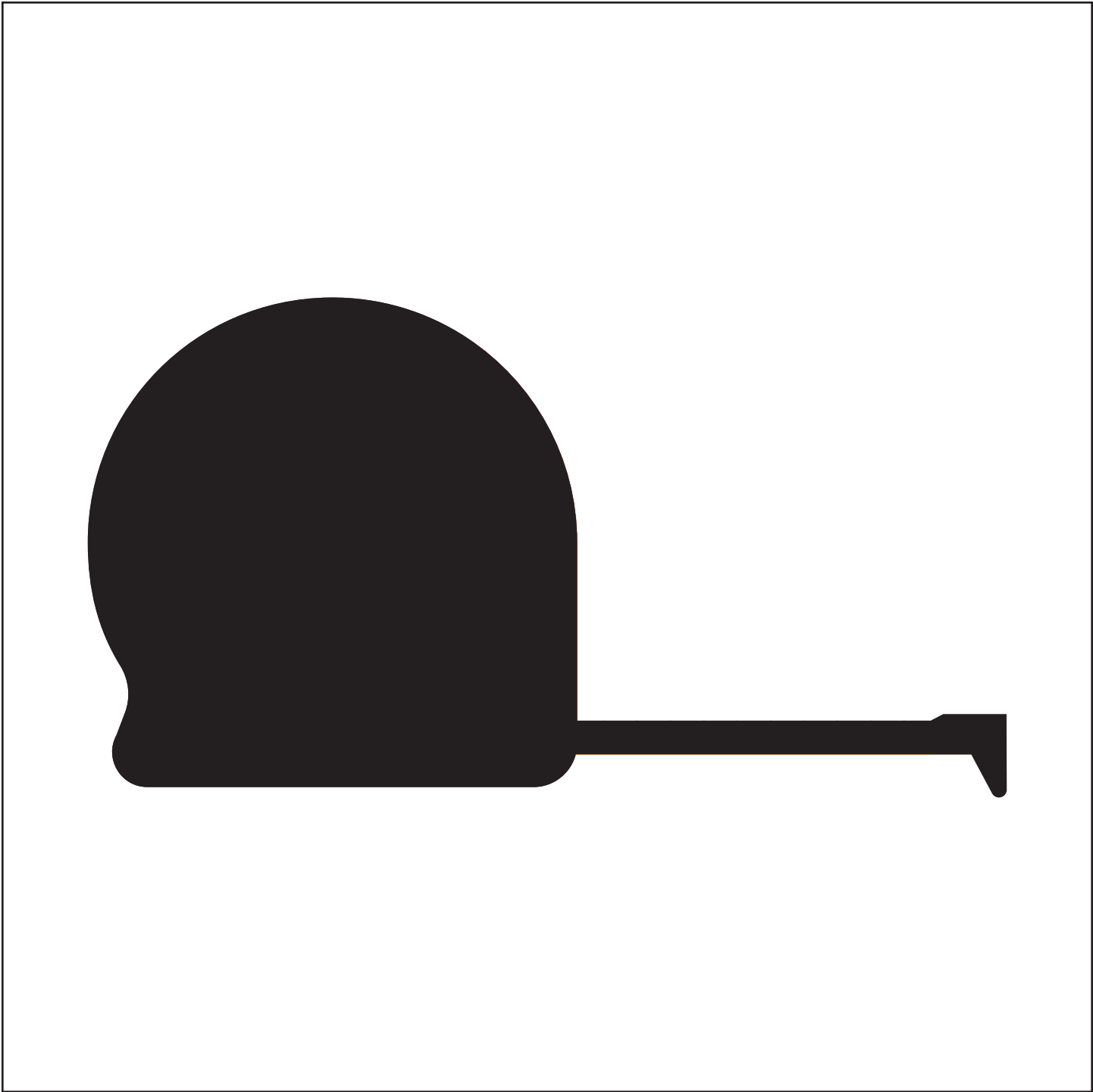




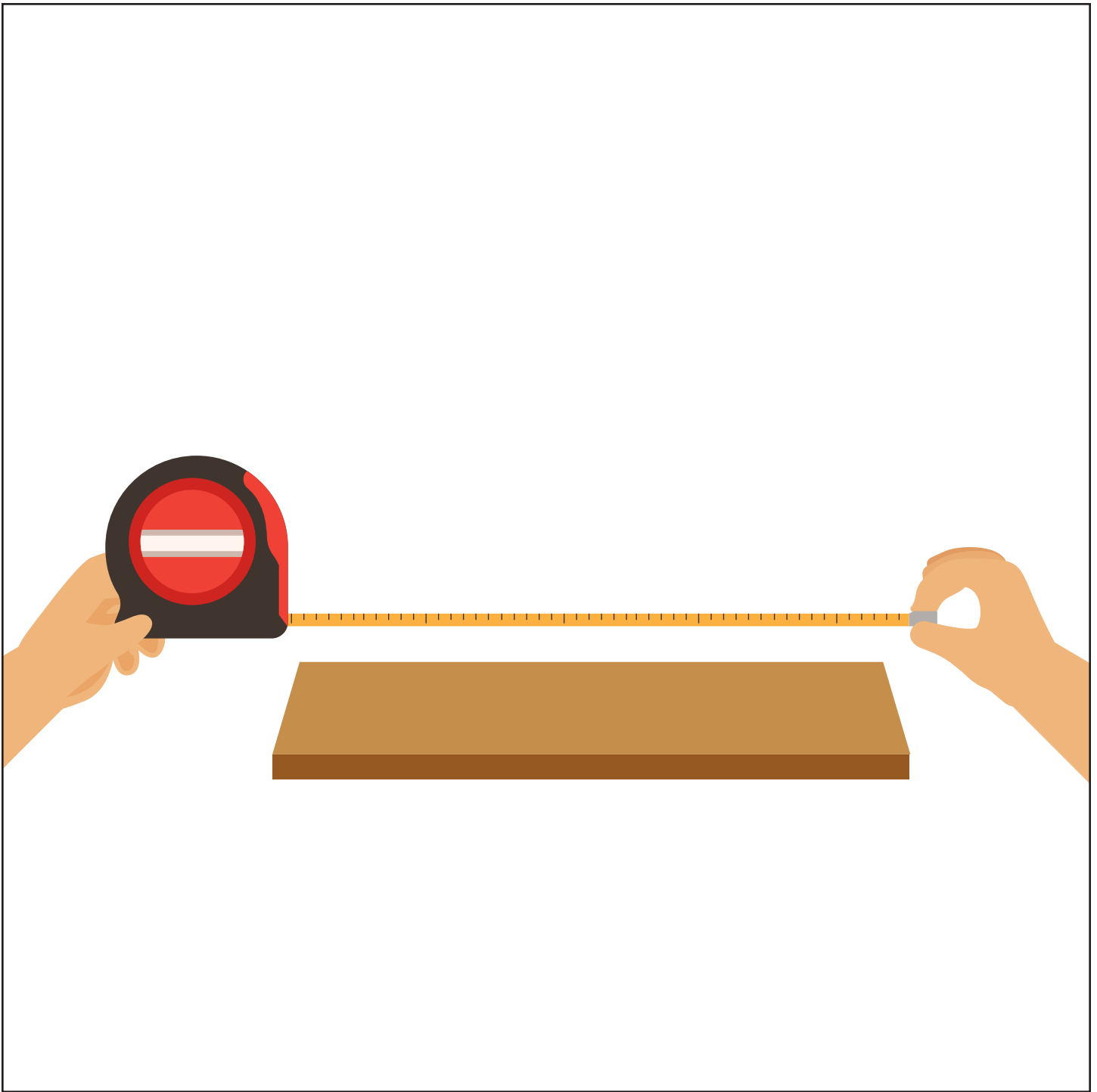
Let's look in her **toolbox** to find what she needs!



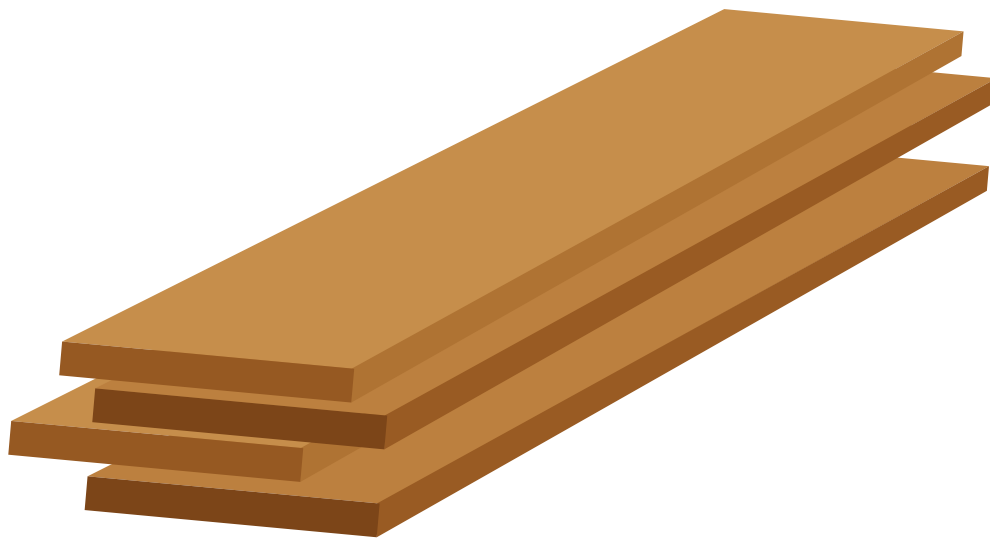
Berti the builder needs to measure a board.



She needs a **tape measure!**



Berti the builder measures the board with the tape measure.



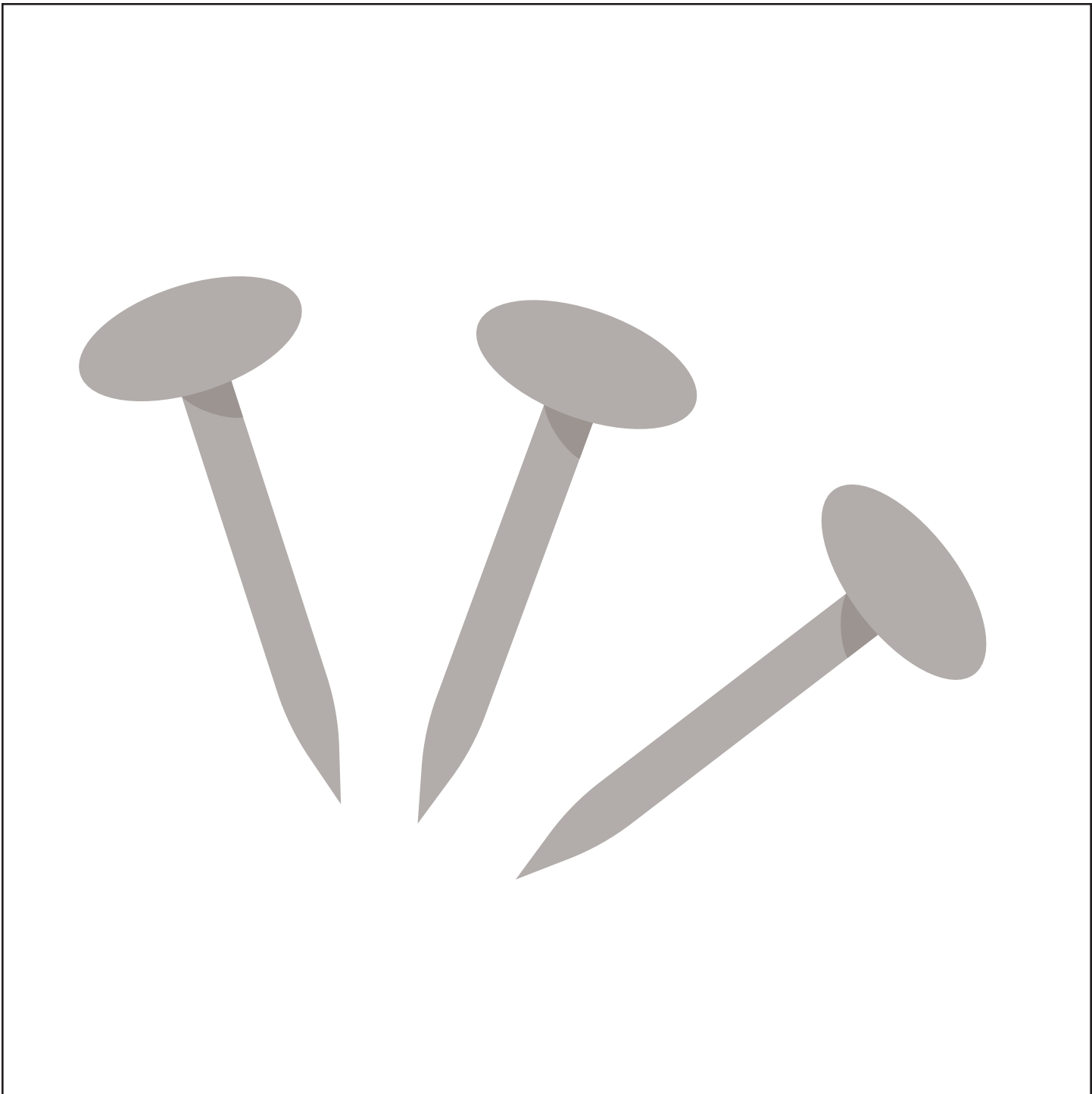
Berti the builder needs to cut a board.



She needs a **saw!**



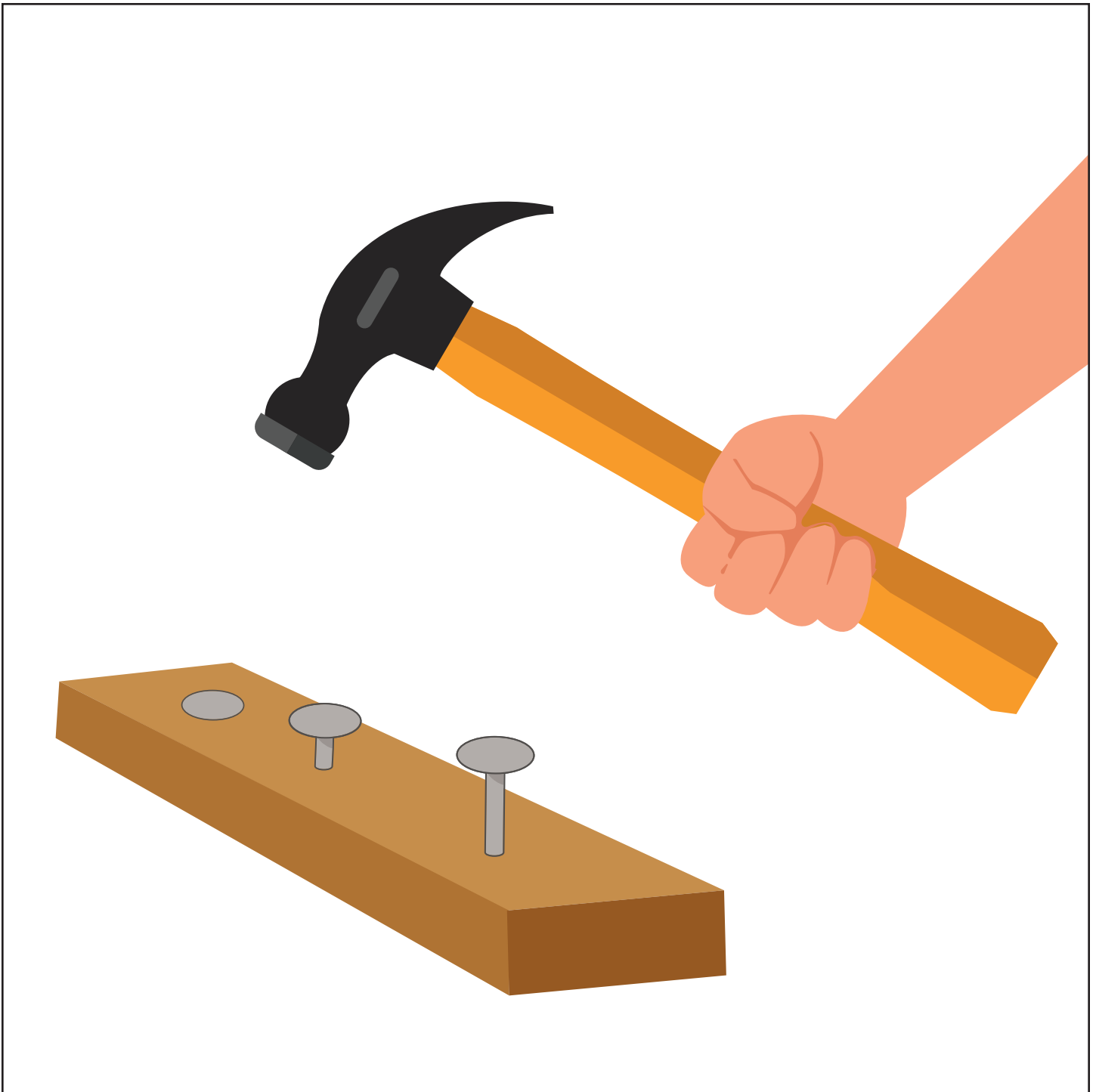
Berti the builder cuts the board with the saw.



Berti the builder needs to hit a nail.



She needs a **hammer!**



Berti the builder hits the nail with a hammer.





Berti the builder loves to build!

