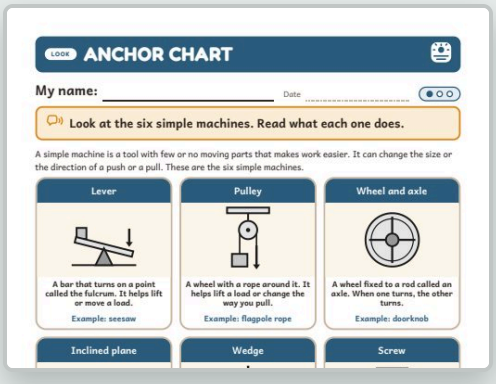
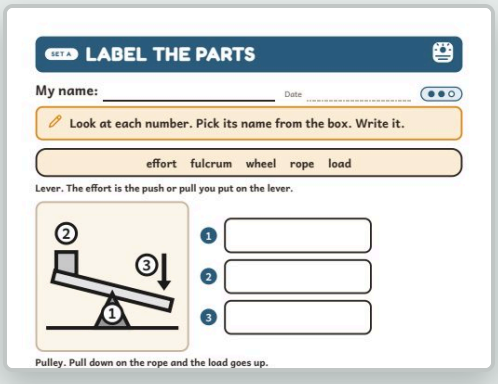
3RD–5TH · SCIENCE

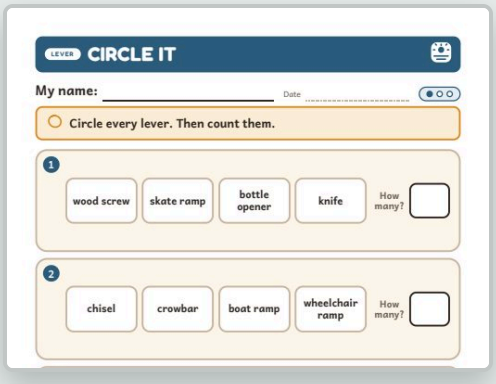
SCIENCE

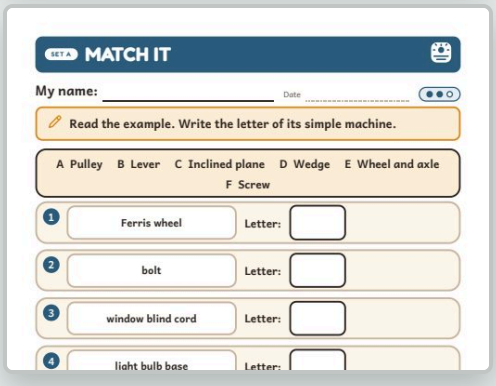
SIMPLE MACHINES

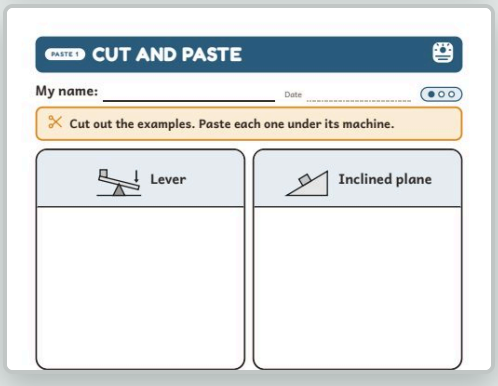
Read the chart, label the parts, name the machine, circle, find the odd one, match, fill in, write and cut and paste: lever, pulley, wheel and axle, inclined plane, wedge, screw. A tracker and a family page. Print, or type the answers. PDF.













29 Pages | 6 Machines | 70 Items | Cut and Paste

BRIGHT PATH SPED

START HERE

QUICK START

One complete kit for the six simple machines. Children read an anchor chart, label the parts, name the machines, circle, find the odd one, match, fill in words, write short answers and cut and paste — on pages with room to work, untimed.

THREE STEPS

1. **Read the Anchor Chart together**
   Page 5 shows the six simple machines with a picture, what each one does and an example. Read it aloud, then let the child write what a load is and how a machine helps.

2. **Hand over a page**
   Every student page has a name line and one short instruction, so the child can start. The chart below says which page for which child; the dots at the top right are the only level code.

3. **Check it, record it, send it home**
   The answer keys are pages 19 and 20. Date each page on the tracker (page 21), roll a group up on page 22, and send the home page (24). A filled example is on page 25.

WHICH PAGE, WHEN

WHEN…	USE…
Meeting the six machines for the first time	Anchor Chart, page 5 · Label the Parts, page 6
Looks at one thing at a time	Circle It, pages 9, 10 · Name the Machine A, page 7
Needs to cut, paste and place	Cut and Paste, pages 16, 17, 18
Rushes and does not check	Which One Does Not Belong?, page 11
Ready to write the names	Name the Machine B, page 8 · Fill It In, pages 13, 14
Ready to explain their thinking	Match It, page 12 · Think and Write, page 15
Ready to practice at home	Home page, page 24 · notes: page 23, phrase bank 26

Everything inside (29 pages)

- **14 student pages** in 9 page types: chart, label, name, circle, odd one out, match, fill in, think and write, and cut and paste
- **70 scored items** on 12 pages, every answer read from the example lists
- **24 cut-and-paste pieces** on 3 mats: two machines to sort each time
- **The 6 simple machines**: lever, pulley, wheel and axle, inclined plane, wedge, screw
- **2 answer keys, 1 tracker, 1 class grid**, 1 team note, 1 home page, 1 filled example, 1 phrase bank, 1 binder cover and 6 divider tabs

Print note

Every page prints clean in black and white. The diagrams use light and mid grays and a dark outline, so the shapes read without color.

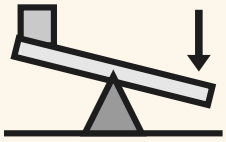
LOOK ANCHOR CHART

My name: _____ Date .....

Look at the six simple machines. Read what each one does.

A simple machine is a tool with few or no moving parts that makes work easier. It can change the size or the direction of a push or a pull. These are the six simple machines.

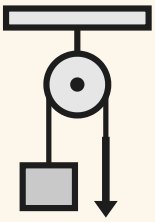
Lever



A bar that turns on a point called the fulcrum. It helps lift or move a load.

Example: seesaw

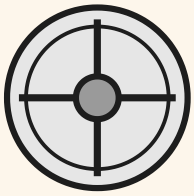
Pulley



A wheel with a rope around it. It helps lift a load or change the way you pull.

Example: flagpole rope

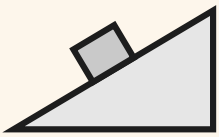
Wheel and axle



A wheel fixed to a rod called an axle. When one turns, the other turns.

Example: doorknob

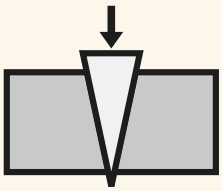
Inclined plane



A flat surface that slopes. It helps move a load up or down.

Example: wheelchair ramp

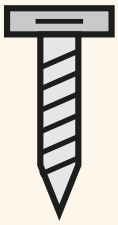
Wedge



Two slopes back to back with a thin edge. It splits or cuts things apart.

Example: axe

Screw



A slope wrapped around a post. It holds things together or moves a load.

Example: jar lid

Your turn. Write what you know.

A load is _____

A simple machine helps by _____

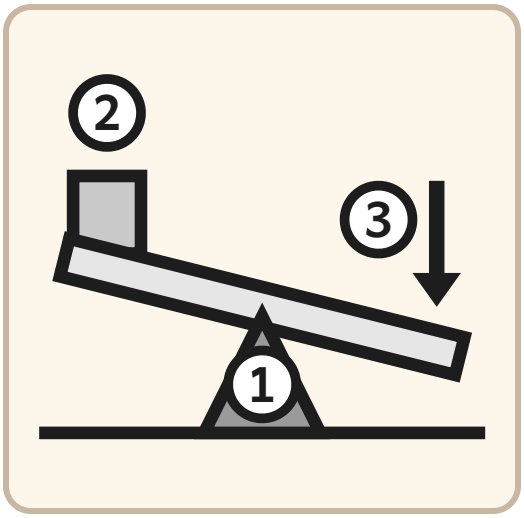
SET A LABEL THE PARTS

My name: _____ Date .....

Look at each number. Pick its name from the box. Write it.

effort fulcrum wheel rope load

Lever. The effort is the push or pull you put on the lever.

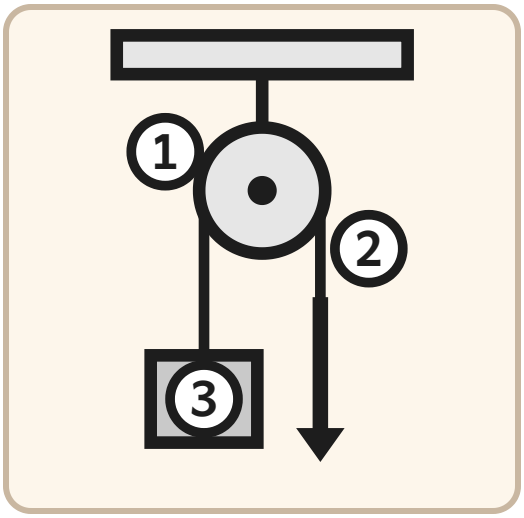


1 _____

2 _____

3 _____

Pulley. Pull down on the rope and the load goes up.



1 _____

2 _____

3 _____

LEVER CIRCLE IT

My name: _____ Date .....

Circle every lever. Then count them.

1

wood screw	skate ramp	bottle opener	knife	How many? ☐

2

chisel	crowbar	boat ramp	wheelchair ramp	How many? ☐

3

window blind cord	tweezers	skateboard wheel	paint can opener	How many? ☐

4

well bucket	flagpole rope	nutcracker	playground slide	How many? ☐

SET A WHICH ONE DOES NOT BELONG?

My name: _____ Date .....

Circle the example that does not belong. Write its number.

1

1	2	3	4
steering wheel	boat ramp	wheelchair ramp	loading ramp

Number that does not belong: ☐

2

1	2	3	4
stage curtain rope	window blind cord	flagpole rope	jar lid

Number that does not belong: ☐

3

1	2	3	4
playground slide	nutcracker	paint can opener	seesaw

Number that does not belong: ☐

4

1	2	3	4
wagon wheel	skateboard wheel	wood screw	doorknob

Number that does not belong: ☐

SET A MATCH IT

My name: _____ Date .....

Read the example. Write the letter of its simple machine.

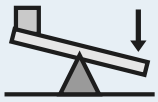
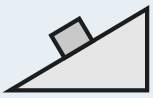
A Pulley B Lever C Inclined plane D Wedge E Wheel and axle F Screw

1	Ferris wheel	Letter:	
2	bolt	Letter:	
3	window blind cord	Letter:	
4	light bulb base	Letter:	
5	wheelchair ramp	Letter:	
6	crowbar	Letter:	
7	chisel	Letter:	
8	skate ramp	Letter:	

PASTE 1 CUT AND PASTE

My name: _____ Date .....

Cut out the examples. Paste each one under its machine.

 Lever	 Inclined plane

Cut on the dashed lines.

Crowbar	Boat ramp	Playground slide	Tweezers
Bottle opener	Wheelchair ramp	Seesaw	Loading ramp

TRACKER

SIMPLE MACHINES TRACKER

STUDENT _____ TEACHER _____ MONTH _____

PAGE	PAGE TYPE AND SET	ITEMS	RIGHT	DATE	NOTES
6	Label the Parts A	6			
7	Name the Machine A	4			
8	Name the Machine B	6			
9	Circle It: lever	4			
10	Circle It: wheel and axle	4			
11	Which One Does Not Belong A	4			
12	Match It A	8			
13	Fill It In A	5			
14	Fill It In B	5			
16	Cut and Paste 1	8			
17	Cut and Paste 2	8			
18	Cut and Paste 3	8			

How to fill this in

Write how many items the child got right with no prompt, and the date. A blank means not tried yet, never wrong. There are 70 items on the 12 pages above; the Anchor Chart and Think and Write (pages 5 and 15) are not scored. Answer keys: pages 19 and 20. Filled example: page 25.

THIS MONTH WE ARE WORKING ON (YOUR OWN WORDING)

EXAMPLE NORA'S TRACKER

Nora K. is invented; nothing on this page describes a real student. The blank tracker is on page 21.

STUDENT **Nora K. (an invented student)**

TEACHER **Ms. Park (invented)**

MONTH **October**

PAGE	PAGE TYPE AND SET	ITEMS	RIGHT	DATE	NOTES
6	Label the Parts A	6	–	–	–
7	Name the Machine A	4	4	10/12	–
8	Name the Machine B	6	–	–	–
9	Circle It: lever	4	3	10/13	Needed a prompt on one item
10	Circle It: wheel and axle	4	–	–	–
11	Which One Does Not Belong A	4	4	10/14	–
12	Match It A	8	7	10/16	Needed a prompt on one item
13	Fill It In A	5	5	10/15	–
14	Fill It In B	5	–	–	–
16	Cut and Paste 1	8	8	10/19	–
17	Cut and Paste 2	8	–	–	–
18	Cut and Paste 3	8	–	–	–

How to read it

Nora K. has done **6 of 12** scored pages and got **31 of 33** items right with no prompt. **4** pages were all right. Every number here comes from the table above.

The family note this tracker would produce

"This month Nora finished 6 pages and got 31 of 33 items right. Nora needed a little help on one item on each of 2 pages; saying what the thing does before choosing is the next thing to practice." — every number in it is a row of the table above.

What the table points to

2 pages carry a note and each is one item short of full. Pages left blank (6 of them) are not tried yet, never wrong.

THANK YOU **BEFORE YOU GO**

THANK YOU FOR USING THIS RESOURCE

Everything here was built for the teacher who has a table of children who each need a different amount of support sorting and describing what they learn. If this helped, leaving feedback on TPT helps other teachers find it.

Everything inside, one more time

- **14 student pages** in 9 page types, 70 scored items, every answer read from the example lists on the page.
- **24 cut-and-paste pieces** on 3 mats, **2 answer keys**, **3 short-response questions**.
- **1 tracker, 1 class grid, 1 team note, 1 home page, 1 filled example, 1 phrase bank** (16 starters), **1 binder cover** and divider tabs.

No real student anywhere in this file

The filled example on page 25 names "Nora K.," an invented student used only to show how the tracker fills in. No table, note or score anywhere in this resource describes a real child, and nothing here is a clinical judgment, an eligibility timeline, or a medical claim of any kind. Once you fill in a real student's name, the tracker, class grid and team note (pages 21, 22 and 23) do carry real information — keep completed pages secure the same way you would any other record.

Something missing or wrong?

Please use the **Ask a Question** tab on the product page first — every question is read, and a fix to the file is a free update you re-download from **My Purchases**.

WHAT'S NEXT FROM THIS STORE

More science for the same table.



Push and Pull Worksheets
Circle push or pull, sort and fill in sentences about force and motion.



Balanced and Unbalanced Forces Worksheets
Arrows, sort and fill in for balanced and unbalanced forces.



Landforms and Bodies of Water Worksheets
An anchor chart, circle, odd word and cut and paste for land and water words.

Click **Follow** on the store page and TPT will email you when new products go up.

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