

Tools & What They Help Us Do

Connect common tools with functions and choose tools based on purpose and safety.

LEARN • PRACTISE • CREATE • REFLECT

Original BrightPencil Kids resource - adult-led where appropriate

A4 edition • 12 purposeful pages • review copy

Print. Learn. Grow.

Grown-up guide

Learning objective

Connect common tools with functions and choose tools based on purpose and safety.

Use this pack well

- Model the first example aloud, then let the learner try.
- Ask “How do you know?” more often than “Are you finished?”.
- Use real objects, talk, movement or observation when the activity suggests it.
- Stop or shorten the session if attention or enjoyment drops.
- Open-ended pages can have many successful answers.

Quality note

This resource was written originally for BrightPencil Kids. Curriculum sources informed scope and progression only; no third-party worksheet or story text is reproduced.

Learn the idea

1 Tools are designed to make particular tasks easier or more precise.

2 The same task can sometimes use different tools.

3 Some tools require adult supervision.

Talk about it

Explain one idea in your own words. Give an example from real life, a drawing or an object if that helps.

Match ruler, spoon, paintbrush, thermometer and magnifier to their functions.

Choose the better tool for measuring a book length: ruler or cup. Explain.

Classify tools used for measuring, making, observing or serving.

Explain why safety matters when choosing a tool.

Invent a simple tool for picking up paper without bending down and describe how it works.

Try it beyond the page

Real-world / hands-on connection

Inspect safe household/classroom tools with an adult and identify what each part does.

Before you finish

What did you notice?

What evidence, object or example helped you?

What would you change if you tried again?

Create something

Your project

Draw and label an invented tool, including its user, purpose and safety note.

Use this space for planning, drawing, mapping, designing or notes.

CHALLENGE

Think deeper

1. Which tool measures length?

2. Why might a magnifier help an observer?

3. Does every tool suit every task?

Quick review

1. In one sentence, explain the big idea of “Tools & What They Help Us Do”.

2. Draw or write one example that shows you understand.

3. Choose one activity from this pack and explain the strategy you used.

4. Write one question you still have.

Answer & discussion notes

Use these as guidance, not scripts. Open questions can have different successful responses when the reasoning is sensible and evidence-based.

1. Suggested response

A ruler/tape measure.

2. Suggested response

It makes small details easier to see.

3. Suggested response

No.

Review before publication

Check age fit, factual accuracy, clarity, accessibility, rights provenance and whether the activity works in practice. This file remains a review copy until those checks are signed off.

FINISH

My learning reflection

I finished this BrightPencil learning pack.

One thing I understand better now:

A strategy that helped me:

Something I created or noticed:

My next small question or goal:

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