

GRADE 2 LEARNING PACK

Caring for Resources: Water & Energy

Connect everyday resource use with practical conservation choices at home/school.

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 everyday resource use with practical conservation choices at home/school.

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 Water and energy are valuable resources.

2 Using less wastefully can reduce environmental impact.

3 Actions should be realistic, safe and shared with adults.

Talk about it

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

Find wasteful vs careful water-use examples.

Identify when lights/equipment could reasonably be switched off by an adult/user.

Explain why fixing a leak can matter.

Compare reusable and single-use options without claiming one choice is always possible for everyone.

Plan one class/home conservation action and how to measure it.

Try it beyond the page

Real-world / hands-on connection

With an adult, notice one place water/energy is used and one realistic way to avoid unnecessary waste.

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

Create a resource-care campaign with three actions, reasons and a simple progress measure.

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

CHALLENGE

Think deeper

1. Why avoid wasting water/energy?

2. Who should handle electrical repairs?

3. What makes a conservation goal useful?

Quick review

1. In one sentence, explain the big idea of “Caring for Resources: Water & Energy”.

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

To conserve resources/reduce impact/cost where applicable.

2. Suggested response

Qualified/trusted adults.

3. Suggested response

It is specific, realistic and measurable.

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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