



LITTLE SCIENTISTS

A

Sample copy with answers



CONTENTS

	Starter	Level A	Level B
Water	<ol style="list-style-type: none"> 1. Does the water change colour? 2. Does the water change taste? 3. Does it sink? 	<ol style="list-style-type: none"> 1. Can water go through it? SAMPLE 2. Does it float? 3. Can we separate it? 4. What happens to the water? 5. How can we make big bubbles? 	<ol style="list-style-type: none"> 1. What can we mix with water? 2. Who can make bubbles? 3. What shape are the bubbles? 4. How do we make these ice cubes? 5. What happens to the water?
Materials	<ol style="list-style-type: none"> 4. Does it make noise? 5. Does it crumble? 6. Does it go down the ramp? 7. What colour is it? 	<ol style="list-style-type: none"> 6. Is it soft or hard? SAMPLE 7. Does it bend? 8. Is it transparent? 9. Does it roll? 10. Can we dry things with it? 	<ol style="list-style-type: none"> 6. Do they go together? 7. Do they stretch? 8. Do they leave stains? 9. Which ramp? 10. How can I see lots of pencils? 11. Where do the magnets go? 12. What can we get with a magnet?
Living things	<ol style="list-style-type: none"> 8. Who lives there? 9. Does it curl up? 10. What's in my tree? 11. Who was here? 	<ol style="list-style-type: none"> 11. Where do they live? SAMPLE 12. How many legs do they have? 13. What lives in the water? 14. What do they eat? 15. Whose eggs are they? 	<ol style="list-style-type: none"> 13. Where do they live? 14. How many legs have they got? 15. How do they move? 16. Who lives in the forest? 17. Who eats who? 18. Who lives in the holes? 19. Who takes care of the forest?





1

CAN WATER GO THROUGH IT?

OBJECTIVE

Children see that water can go through some objects.

MATERIALS

- containers with water
- different objects, some which allow water to pass through and others which don't (colander, pot, slotted spoon, funnel, sieve, ladle)

STEPS

- Put the children in small groups with a container of water and let them play with it. Ask: *Can water go through your hands?*
- Hold up one of the objects and ask: *Can water go through it?* The children predict.
- Give the children the objects and let them experiment freely for some time.
- Ask them to draw a tick (✓) next to the objects that water can go through on Worksheet 1.

soft



hard



OBJECTIVE

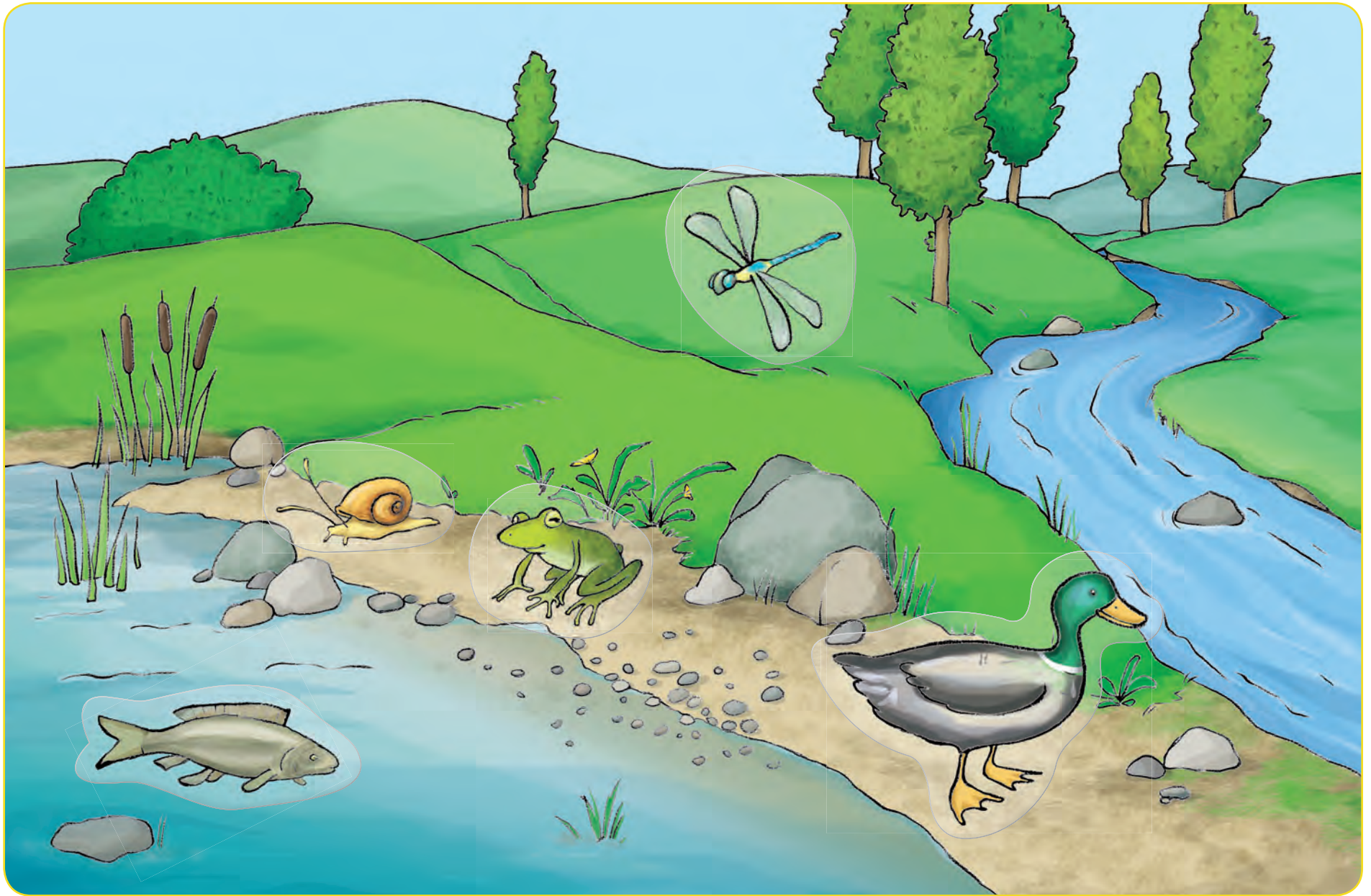
Children classify materials according to their characteristics.

MATERIALS

- two containers
- soft and hard materials (sponge, foam ball, cuddly toy, pencil, wooden block, plastic block)

STEPS

- Present all the materials to the children. Using actions, ask: *Which materials can we squash? Which materials can't we squash?*
- Give out the materials and let the children experiment freely for some time in groups. Say: *Try to squash it.* The children take turns. Ask: *Is it hard? Or is it soft?*
- Then they organise the materials into the correct container.
- Ask the children to put the stickers in the correct place on Worksheet 6.



OBJECTIVE

Children see that animals live in different places.

MATERIALS

- pictures of animals with tape or sticky tack to stick them

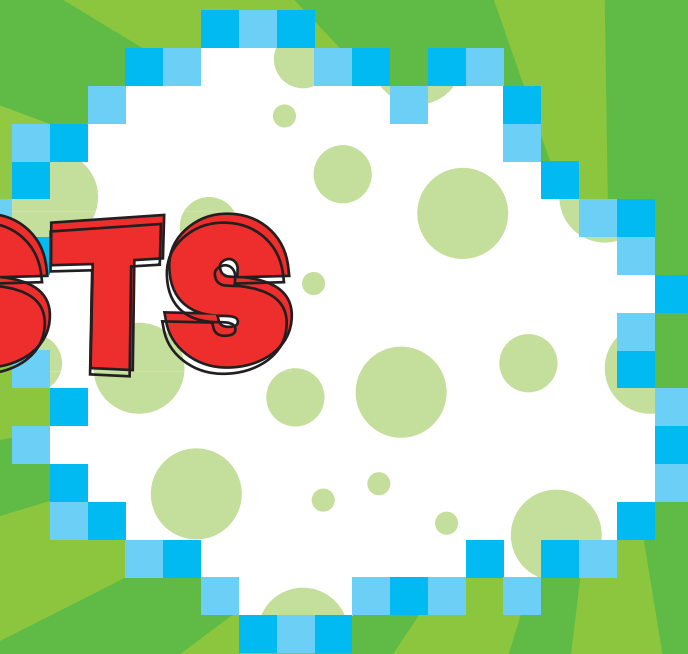
STEPS

- Present the animal pictures to the children and say the names.
- On the board, draw a natural habitat with land and water. Point to the different areas and say: *In water, on water, near the water, on land.*
- Pick one of the animal pictures, show it and ask: *Where does a (spider) live?* The children answer and a volunteer sticks the animal picture on the natural habitat on the board. They chose the next picture and ask the other children same question: *Where does a (cow) live?*
- Move the animal pictures to different places and ask: *Can it live here?*
- Ask the children to stick the frog, snail, fish, dragonfly, and duck stickers on Worksheet 11.



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LITTLE SCIENTISTS



Think Do Learn Little Scientists is a series of three workbooks (Starter, Level A and Level B) designed to introduce the scientific method to very young children. Children predict, experiment and then report on their findings in a variety of simple but fun experiments. Each level covers content from three areas: Water, Materials and Living Things.

The Think Do Learn Little Scientists workbooks are self-contained, with easy to follow teaching notes on the back of each worksheet, and stickers or pop-outs for the children. This flexible format means they may be used whenever the teacher feels it is appropriate: once per month, at the end of each term, or to enhance topics they are already exploring.

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