

# Down by the River

Sheet  
2



## Go with the flow

*In this activity you are going to look more closely at the part of the river you surveyed in the last activity.*

✿ Look at the map you drew on sheet 1, 'River Survey'.

With the help of your teacher, find a place that looks interesting - perhaps a meander, or a place where the river narrows or goes over a weir.

✿ Describe what you see here.

What is happening to the water?

What is the river bed like?

Are there any man-made or other objects in the river?

/ .....

.....

Draw a sketch on a separate blank piece of paper.

✿ Measure the width of the river.

This can be done at a bridge or from the river bank at a safe place. Your teacher will help you to do this.

If it is not possible to measure the width, estimate it as 'very narrow', 'narrow', 'wide' or 'very wide'.

Width / .....

✿ Measure the depth of the river.

This can be done from a bridge or by wading into the river at a safe place. Your teacher will help you to do this. **Do not go in the water unless an adult is supervising you.**

If it is not possible to measure the depth, estimate it as 'very shallow', 'shallow', 'deep' or 'very deep'.

Measure depth in three places - close to each bank and in the centre of the river.

Mark the places where you took your depth measurements on your sketch as A, B and C

Depth at A / .....      Depth at B / .....      Depth at C / .....

✿ Estimate the speed of the river.

Go back to the places where you measured depth and look at how fast the water is flowing. Estimate it as 'very slow', 'slow', 'fast', or 'very fast'.

Speed at A / .....      Speed at B / .....      Speed at C / .....

*Now find a place that is either narrower or wider than this one and make all these measurements again. You will need another copy of this worksheet and another blank piece*