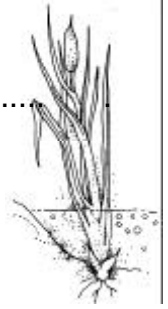


NAME .....



HABITAT: RIVER/ STREAM  
ACTIVITY: STREAM INVESTIGATION

### RIVER RECORDS

The work of the Environment Agency is to check that our streams and rivers are healthy. You can find out about your river or stream and keep records too. You will need a 10 m length of string marked in metres, a stopwatch, a clear plastic bottle and some sticks.

#### Width of the stream/ river.

Lay your string on the ground and estimate how many times it would fit across from one side to the other.

..... metres

#### Tick the boxes:

##### Bank

Sand • Earth • Gravel • Silt/Mud • Other .....  
Steep slope • Flat • Shallow slope •

##### Vegetation

##### Beside the water

Trees • Bushes • Reeds/rushes •  
Short grass • Tall grass • Other .....

##### In the water

Floating • Submerged • Emergent •

#### Flow Rate

Lay your 10 m length of string along the bank. Drop the stick into the water at the upstream end and time how long it takes before it reaches the other end.

..... seconds per 10 metres

#### How much sediment in the water?

Flowing water erodes the surface it is flowing over. The amount depends on the flow and the nature of the soil. Take a sample of water back to the classroom. You will need enough to fill a plastic drink bottle. Leave the water to settle and look carefully at the sediment. You can see more clearly how much and what is suspended in the water if you filter it. Stick the filter paper into your record book.

### ALWAYS WASH YOUR HANDS BEFORE EATING

See *The River Water Pack* (Wildlife Trust) for further ideas.