



Investigating Water Channels 2

Can you discover whether the steepness of a river can affect the patterns made by the water?

Helpful hints

Lift one end of the tray a little and see what happens.

Fabulous facts

Some scientists believe that there may have been huge floods on Mars in the past.

Investigating Water Channels 1

Your task is to investigate whether flowing water can change the shape of a surface or channel.

Helpful hints

Pour water very gently through a funnel into the channel. Let the water run along the sand.

Fabulous facts

Today, nearly all liquid water would either freeze or evaporate on Mars.

Investigating Water Channels 3

Are tiny stones carried along by the water? If so, how far do they move? What difference does the size of the stone make?

Helpful hints

Try putting tiny stones or grit at the top of the channel

Fabulous facts

On Earth, rivers can carry sand and other particles and drop them onto their banks or into lakes and seas.

Investigating Water Channels 4

If the water flows faster, do stones travel further?

Helpful hints

You can scoop out the water each time into a bucket and repeat.

Fabulous facts

Rivers can wash away the land. This is called erosion.