

## **Impacts of Flooding Activity: What Effect Would a Flood Have on You?**

This activity will get you to consider the impact of a flood on your home.

Many thanks to David Cuthbertson, Teacher of Humanities, Todmorden High School for his help in producing this resource.

You will need:

- Your family
- A ruler and pen/pencil
- The 'What damage would water do?' grid (attached)

Now you need to:

1. Imagine your home is flooded to a depth of 1cm.
2. Think about what damage and problems this could cause to you and your home. Consider electric sockets (remember electricity and water don't mix!), furniture, carpets/curtains etc.
3. Take your ruler and now measure 10cm, 50cm and 100cm.
4. Think about what further problems would be created for you and your family the deeper the floodwater got. Does 100cm of water do 100 times more damage than 1cm? Or can small amounts of water still have a huge effect?
5. List all the things that could be done to deal with the damage and problems. Could some things be repaired? Or is there anything you could do to reduce the risk of damage before a flood hits?
6. Complete the 'What damage would water do?' grid (attached) for the four depths of flood.

## What damage would water do?

Height of water	1cm of water	10cm of water	50cm of water	100cm of water
<b>Carpets and furnishings</b>				
<b>Electrical fittings e.g. plugs</b>				
<b>Furniture</b>				
<b>Electrical items</b>				
<b>Other</b>				

### QUESTIONS:

How about if the flood lasted for a week? What additional problems would this cause?

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As a family, is there anything you think you could now do to help reduce the problems for your household in the event of a flood (e.g. move important papers to a higher place, get some sandbags and put them ready in your shed)?

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Now think of other people e.g. elderly neighbours and relatives who do not live with you. Is there anything you could do which would benefit them in the event of a flood?

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