

Subject	Year	Term
Geography	7	Spring
<b>Topic</b>		
Help were going under		
<b>Content + skills (Intent)</b>		
<p><b>Prior Learning (Topic)</b> physical geography, including: climate zones, rivers, mountains, and the water cycle. human geography, including: types of settlement and land use, and the distribution of natural resources including water. key topographical features including hills, mountains, coasts and rivers,</p>		
<p>Students will learn key terms that describe the hydrological cycle. They will then look at the three courses of a river and the key processes involved within rivers (erosion, transportation and deposition). Students will then apply all of this terminology to describe and explain the causes of flooding. The causes will be split into human and physical causes. Pupils will then look at an example of flooding to see the effects of the flood (either Boscastle or Tewkesbury). After this pupils will have a look at the responses that people have to floods.</p> <p>Pupils will develop a range of geographical skills</p> <ul style="list-style-type: none"> <li>• Use, interpret and complete diagrams.</li> <li>• Use and interpret ground and aerial photos</li> <li>• Use and interpret ordnance survey maps and flood risk maps</li> <li>• Be able to consider different views and opinions</li> </ul> <p>All the above will be tested through a graded assessment.</p>		
<p><b>Future Learning (Topic)</b> Weather the storm topic in year 8 (rainfall and weather patterns) Coasts on the Edge in year 9 (coastal floods and sea level rise) GCSE content UK Physical landscapes year 10 Rivers (processes and human management) A level Year 12 Hazards and climate change. Year 13 Water and Carbon Cycle</p>		
<b>How will knowledge and skills be taught? (Implementation)</b>	<b>How will your understanding be assessed &amp; recorded (Impact)</b>	
<p>Definitions of key terms Journey down a river to show course of the river, Cross section of a water channel Causes of floods using images, Effects of a flood using a case study, interpreting a news article/journal on flooding. Responses to a flood using a case study.</p>	<p>Water cycle/Story on the journey of a water droplet project Through an end of topic assessment which covers all elements of the topic. Marks for homework tasks. Marking of classwork.</p>	
<b>How can parents help at home?</b>		
<p>Talking about their experiences of the 2007 flood, were they effected or do they know anyone in Gloucestershire who was impacted by this event.</p> <p>Where does a water droplet go? Drop a water droplet anywhere on this amp and watch what river it goes in to and the journey of the water droplet river-runner-global.samlearner.com Have a look at the long term impacts of this flood at <a href="http://thefloods.gloucestershirelive.co.uk/">http://thefloods.gloucestershirelive.co.uk/</a> The environment agency floodmap <a href="https://check-long-term-flood-risk.service.gov.uk/map?eastng=397001&amp;northing=227456&amp;map=RiversOrSea">https://check-long-term-flood-risk.service.gov.uk/map?eastng=397001&amp;northing=227456&amp;map=RiversOrSea</a> <a href="https://www.bbc.co.uk/bitesize/guides/zx9kfrd/revision/5">https://www.bbc.co.uk/bitesize/guides/zx9kfrd/revision/5</a> <a href="https://www.tewkesbury.gov.uk/flooding">https://www.tewkesbury.gov.uk/flooding</a></p>		

## Conversation starters

Over the past 100 years, we have experienced more intense and frequent storms, and this will only continue

Have you been affected by floods?

Why does it flood?

Who are the people who help in a flood?

Did you live around here in 2007?

Will we have more floods in the future?

No region is safe from flooding.

Even the driest regions on earth can experience flooding

## Helpful further reading/discussion

### Reading

Flood World by Tom Huddleston

Flood Child by Emily Diamand

Flash Flood by Chris Ryan

Flood by Richard Doyle

Flood by Stephen Baxter

Waterlog, A wild swimmers journey by Roger Deakin

Wild thoughts from wild places by David Quamen

A Long Walk to Water: Based on a True Story by Linda Sue Park

The Wind in the Willows by Kenneth Grahame

Highland River by Neil M Gunn

### Vocabulary Lists

Interception

River

Flood

Permeable

Impermeable

Infiltration

Transpiration

Precipitation

Condensation

Surface runoff

Groundwater flow

Groundwater store

Throughflow

Evaporation

Erosion

Transportation

Deposition

Causes (Human, physical)

Effects (Social, Economic, Environmental)

Responses (Short and Long term)

### Careers Links

Possible careers; Hydrologists, flood engineer, geologist, environment agency, town planner, emergency services, charity work

Debate on who helps in a flood considers different careers of people who help in a flood.

<https://nationalcareers.service.gov.uk/job-profiles/hydrologist>

<https://www.environmentalscience.org/career/meteorologist>  
<https://www.gov.uk/government/organisations/environment-agency/about/recruitment>