Flooding
What is it?
Floods can happen in many ways. They are devastating and can be terribly destructive.

Floods can carry away many things such as people, animals, cars and even houses!

Floods effect cities as well as small towns and villages.

Floods can also spread diseases and can be a great breeding ground for mini beasts such as mosquitos.

Mosquitos carry disease which makes people ill.
When and why does a river flood? During what times of the year does it most likely occur?

A Flood would usually occur in winter. At wintertime it rains more regularly which is a perfect reason for a flood to happen, because there is more water the ground becomes saturated. Rainwater runs into the river, leading to the river eventually bursting it’s banks.
What human influences/reasons increase flooding?

Humans have influenced our local environment a lot. There are many reasons such as deforestation and building too close to rivers.

Many people wonder why deforestation is causing floods. The reason is that trees help soak up the water, but when they are chopped down to build more houses, there is too much man made materials that doesn't soak up the water and that's when a flood happens.
Can flooding be a positive or just a negative causing damage?

Although floods can be destructive, the water from the floods can also have a positive effect on the land, especially during hot summers. Rainwater fertilizes plants which unusually grow to help prevent flooding.

The water also helps people grow vegetable plants and many pretty flowers.
What are humans doing that stops and prevents flooding? Humans have installed drains and are trying to get people to not throw rubbish down them.

What types of defenses can be used? Dams have been built to prevent flooding. This holds water back from higher ground, controlling the flow to low land areas.

How can rivers be changed to prevent impacts of flooding? We have installed barriers to prevent water from overflowing into places where people live.
Are there any examples of major flooding in the local area? How has it affected the local town/area? What knock-on effects have been caused?

When Ironbridge was flooded recently, the result was that many people lost their homes and businesses. Many of the town's historic structures were damaged and shops were flooded causing a terrible mess. The knock-on effect was this caused people to lose money and their jobs.
Further information & Links

https://www.youtube.com/watch?v=udRNUBHbE0o

https://en.wikipedia.org/wiki/Flood


https://www.sciencekids.co.nz/sciencefacts/weather/floods.html