



Creating extreme weather guidance

- 1** If the young people you're working with are new to the concept of extreme weather, you might want to kick off the lesson with a short introduction. You could show the [extreme weather event film](#) (hyperlinked on slide 2) and ask them if they can think of examples of extreme weather events they have heard about and think about what made those events extreme. If you need additional information, videos or images, you can find additional resources [here](#).
 - 2** Split the group into pairs or groups of three and challenge them to imagine that they are working for an organisation overseeing research on past extreme weather events and helping people prepare for extreme weather events and reduce (mitigate) their impacts in the future.
 - 3** Using [case studies from the Met Office website](#), ask groups to pick a case study and think about the following questions to prompt their research (slide 3):
 - What was it?
 - When and where did it occur?
 - Who did it affect and how?
- 🕒 30 minutes
 - 👤 Groupwork
 - 💻 Extreme weather advert slides
 - 🌐 Case studies on the Met Office website

- What did people do before, during and after the event to mitigate (or reduce) the impacts and effects to themselves and the local area? Could they have done anything else?
- To what extend do you think there will be more events like this or events with a greater severity in the future?

4 Explain that each group is now going to prepare a guide to help others prepare for an extreme weather event. Ask them to imagine a similar event as the one they've just looked at is forecast to affect their local area. They need to create a poster, leaflet, or TV / radio / podcast advert or weather bulletin that articulates what should be done to respond to and mitigate the impacts of their extreme weather event. Tell them that they will have 20 minutes to do the research and create their guide.

Before they get started on this encourage them to think about how they want to work as a team and how they can manage the work efficiently together. Suggest that perhaps roles can be split: someone could read their findings out loud while someone else takes notes, someone could be in charge of checking the time, etc. If they have access to more than one device, they could split the questions and each could focus on one or two questions. Tell them they are working as a team and are in charge of managing the workload accordingly.

5 At the end of the activity, ask them to reflect on what they've learned. What surprised them in their research? Ask how they felt working as a group? Was it easy? Difficult? How did they manage to work together efficiently?

Optional extension

If you have time, you can ask each group one by one to present their advert and tell everyone about their extreme weather. Allow time for questions from the rest of the group and ask for feedback on the clarity of the presentation - were there clearly actionable steps, would this advert help people make informed decision, was the information about the impacts accurate?



25 minutes



Groupwork