



LESSON 7: PLANNING AND PREPARING FOR FLOODING

Aim

- To learn how to plan and prepare for a flood.
- To learn why it is important to plan and prepare for a flood.
- To understand what to do in a flood or other emergency.

Lesson Objectives

- To know what you can do to plan and prepare for a flood.
- To understand that planning ahead and preparing can reduce the impact of a flood.
- To understand what an emergency is and the different types.

Assumed Prior Knowledge

- Some children in flood risk areas may be aware of flood warnings.
- To name some examples of emergencies.
- To know to call 999 in an emergency.

Resources

- Flood plan template.
- Worksheet: What to put in your flood kit.
- Instructions for a flood kit relay race.
- Worksheet: What to do in an emergency. Quiz style worksheet.
- Homework: Make your home flood resilient.

Assessment

- Class exercise – Flood warnings match up.
- Class exercise – What to put in your emergency kit.
- Quiz: What to do in an emergency.
- Homework exercises.

Lesson Outcomes

- Know how to find out their flood risk.
- Know what flood warnings do, how they can sign up for them and what they mean.
- Be aware of other types of flood warnings.
- Understand that by creating their own flood plan, they will be more prepared to act efficiently if one was to happen.
- Know which items are more suitable to go into an emergency flood kit.
- Know what other things can be done in preparation for a flood.
- Understand what an emergency is and who to call in an emergency.



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Differentiation

- Class discussion.
- Audio – Listening to the teacher.
- Team work.

Skills For Life

Life skills such as what to do to plan ahead for emergencies and who to call in an emergency.

All blank worksheets for this lesson can be found as a separate download within the 'Lesson 7' page of The Flood Hub KS2 learning section. The answers for the worksheets can be found at the end of this document.

Key words within the PowerPoint lesson are highlighted in orange and the definitions of these words can be found in the glossary, which is available to download off the homepage.



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Slide 1 – Planning and Preparing for Flooding

- Slide containing the lesson aims and objectives.

Slide 2 – Planning ahead

- Planning ahead is important as it can reduce the impact it has on your family, home or community, and can reduce the damage that floodwater has on your home and belongings.
- Have a class discussion, asking the pupils why else they think planning and preparing is useful.

Slide 3 – How can you protect your house?

- These points can be copied down into workbooks and will be explained in the following slides.
- Class discussion – have any pupils done any of this already to prepare for a flood with their family?

Slide 4 – Flood risk

- Quick interactive exercise which can be carried out with the class. You can share your screen onto the board and run through the exercise with the class.
- Explain that if their house or the school is at risk of flooding, it means that there is a bigger chance of a flood happening than some other places.

Slide 5 – Flood warnings

- Run through this slide with the class.

Slide 6 – Flood warnings

- One by one reveal what the alert and warnings mean and explain the actions to take at each stage.
- Then ask the children to complete the flood warnings match up worksheet.
- ***TOP TIP*** An easy way to tell which is more serious is to look at the water levels in the triangle as the water level increases with seriousness.

Slide 7 – Flood warnings

- Explain that the warnings they have just learnt about are just for flooding from rivers and the sea and that there are other ways you can be warned about flooding.
- Run through the alternative types.

Slide 8 – Flood plans

- Run through each section explaining what sections make up the flood plan. This will become the homework task later.

Slide 9 – Flood kits

- Run through the slide with the class. They could write down the definition in their workbooks and draw a rucksack alongside it.



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Slide 10 – Flood kits worksheet

- This can be completed as a class on a whiteboard, or on the worksheets individually or in groups.
- The pupils should circle what they think should go in the flood kit.
- If the exercise is completed as a class, they should explain why they have circled an item.
- If completed individually, the teacher could ask the pupils to raise their hands to say what they think should or shouldn't go in the flood kit and why.

Slide 11 – Flood kits: Relay race exercise

- Optional relay exercise which could be carried out in a big open space, e.g. a school hall or sports field, or part of a PE lesson. Alternatively it can be carried out on a smaller scale in class with the objects printed out/written on paper.
- Split the class into equal groups and place a hula hoop or rucksack in the centre of the room as a "flood kit" for each group.
- Provide each group with a number of items or pictures of items which could go in an emergency flood kit. They should decide as a group which items would go in the flood kit.
- When the race starts, one at a time pupils should choose an item to put in their flood kit and place it in the hula hoop or rucksack.
- The group who completes it the fastest and with the most correct items in the bag wins.

Slide 12 – Other ways to prepare for flooding

- Run through the slide with and ask pupils to write down the different things they can do to prepare.
- Ask the pupils to raise their hand to explain why or what they would do to prepare for each.
- Explain that property flood resilience (PFR) is changes that you can make to your house to better protect it from flooding, and it will be covered in later lessons.

Slide 13 – What is an emergency?

- Before revealing the definition, have a class discussion and ask pupils to explain what one is.
- Also ask the class to give examples of emergencies.

Slide 14 – What is an emergency?

- Run through the following points which define when a situation is an emergency.

Slide 15 – What number should you call in an emergency?

- Ask the class to shout the number after the count of three. Click to reveal the answer.

Slide 16 – What would you do in an emergency?

- Worksheet quiz is a recap of everything that has been covered in this lesson.

Slide 17 – Homework

- An instruction sheet and copy of the flood plan should be provided to each pupil.

WORKSHEET: FLOOD WARNINGS MATCH UP

This is a match-up exercise. Match the correct image, meanings and actions to the 3 types of flood alerts and warnings.

FLOOD ALERT



Flooding is expected

- Check flood warnings
- Get your flood kit

FLOOD WARNING



Flooding is possible

- Move things upstairs
- Turn off gas, water and electricity

SEVERE FLOOD WARNING



There is a danger to life from the flooding

- Follow advice from emergency services
- Call 999 if you are in danger

WARNING SYMBOL

WHAT THE WARNING MEANS

WHAT ACTIONS YOU SHOULD TAKE

Scissors icon at the top right of the dashed lines.

Five sets of dashed lines for writing answers, each corresponding to a section header above.



WORKSHEET: WHAT TO PUT IN YOUR FLOOD KIT

Circle the items that you think should be in a flood kit.

A collection of 28 items, each enclosed in a red circle for selection:

- Water bottle
- Camera
- First aid kit
- Yellow rubber glove
- Flashlight
- Keys and house keychain
- Makeup kit
- Open notebook and red pencil
- Orange storage box
- Pink mug
- Magnifying glass
- Smartphone with charging cable
- Video game controller
- Red battery
- Clipboard with paper that says "Important documents & copy of flood plan"
- Yellow raincoat
- Envelope with cash and credit cards
- Red boombox
- Red smartphone
- Yellow and black striped rain boot
- Blue container of instant noodle soup
- Blue rubber glove and band-aids
- Laptop computer
- Red bag of pet food with a blue paw print



WORKSHEET: WHAT TO DO IN AN EMERGENCY

Complete the questionnaire by answering the following questions.

Name:

Age:

Q1: What number would you call in an emergency? (Tick one box)

888

911

999

000

Q2: Who would you call in the following situation? (Draw a line to the correct answer)

If there is smoke coming from a window

Police

If somebody was stealing from a house

Ambulance Service

If somebody is badly injured

Fire Brigade

Q3: Which of the following are emergencies? (Tick the correct answers)

Your games console breaking

Bad weather, e.g snow

A flood

Washing machine breaking

Somebody who is injured

Power cut

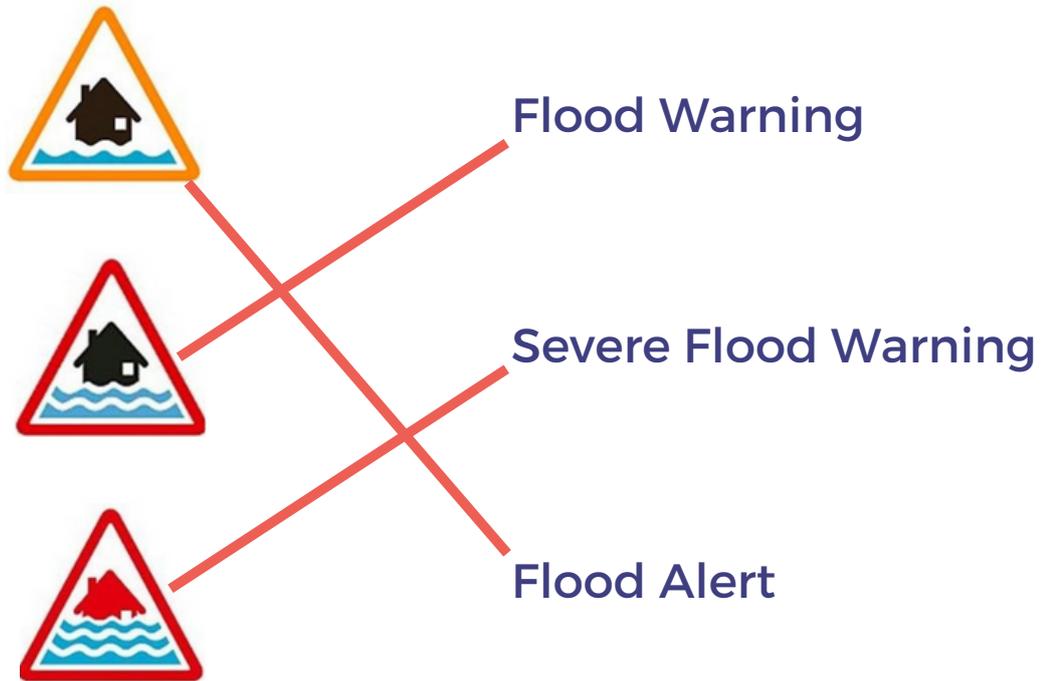
Q4: What is a flood plan? They tell you what to do if you receive a flood alert or warning and allow you to prepare for a flood, reducing the impact it could have.



WORKSHEET: WHAT TO DO IN AN EMERGENCY

Complete the questionnaire by answering the following questions.

Q5: What do each of these Environment Agency flood symbols mean? (Draw lines to the correct answer)



Q6: Which of the following would you take with you if you had to evacuate in an emergency? (Tick the correct answers)

- | | | | |
|-------------------------------------|---------------|-------------------------------------|---------------|
| <input checked="" type="checkbox"/> | Food | <input checked="" type="checkbox"/> | Warm clothes |
| <input type="checkbox"/> | Games console | <input checked="" type="checkbox"/> | Bottled water |
| <input type="checkbox"/> | Makeup | <input checked="" type="checkbox"/> | Money |
| <input checked="" type="checkbox"/> | Medication | <input checked="" type="checkbox"/> | Torch |
| <input checked="" type="checkbox"/> | Blankets | <input type="checkbox"/> | Laptop |