

Class: Year 5

Subject: School's Fire Safety (Smoke Alarms)

National Curriculum Reference: PSHE and Citizenship: 3e, 3f, 3g, 5a, 5g, 5h

En2: 7, 9 **Ma4:** 1a, b, c, d, e, f, g, h,

Learning Objective:

- To recognise a smoke alarm and where they should be located.
- To locate smoke alarm(s) within a home/building.
- To understand the purpose of a smoke alarm.

Success Criteria:

- Pupils will know what a smoke alarm looks like and where they should be located.
- Pupils will know what the purpose of a smoke alarm is and how it works.
- Pupils will recognise the importance of correct smoke alarm maintenance.

Introduction:

- Show pupils images of various types of smoke alarm.
- Inform the pupils that a smoke alarm is a warning device that detects smoke early on in a fire.
- Inform the pupils that the sound of a smoke alarm will wake you up and give you extra time to escape.
- Ask the pupils if they would know where to get a smoke alarm if they didn't have one? (They are available from DIY stores, electrical shops, supermarkets and your local fire station).

Teacher Led Activity:

Having established what is a Smoke Alarm the pupils need to be made aware that...

- There should be at least one on each floor in your home. (Preferably on the landing and in the hall so that everyone can hear them).
- The alarms should be fitted as near as possible to the centre of a ceiling. (Smoke naturally goes to the centre)
- They need to be at least 30cm away from a light as these collect dust and can set the smoke alarm off.
- Once a week they should test the battery. (Press the test button or the centre of the smoke alarm until it sounds).
- Change the battery every year, unless it is a 10-year alarm.
- If the smoke alarm starts to bleep before that time then you need to change the battery.
- Twice a year open the case of the smoke alarm and gently vacuum the inside to remove the dust.
- You must never remove the battery to use for something else. (Why do the pupils think that this so important?)

Independent Activity:

- Individually, think of three questions you can ask about fire safety. They need to be able to be answered with a yes or no. (A blank activity worksheet will be provided to write your questions and answers on).
- Ask these questions to at least 5 people you know. (They could be in your class or another class)
- Make a tally of your results on the blank activity sheet.
- Produce a graph of your results.
- What do your results tell us about what people know about fire safety and especially smoke alarms?

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Plenary/Review:

- Pupils to feed back the information to the rest of the class as appropriate to the activity.
- Give me three words to describe a Smoke Alarm.

Extension Activity:

Pupils can take their questionnaires home to collect extra information. Back in the classroom the pupils can work in groups to produce a graph to highlight their information. The pupils can present their information to the rest of the class, analysing what the graphs tell us.

Resources:

- Example of smoke alarms (Pictures or real).
- Activity worksheet

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