

**Safety Awareness and Fire Education – Gloucestershire  
Lesson Plan – Fire detection and smoke alarms**

<b>Class</b>	Key Stage 3	
<b>Topic</b>	Fire detection and smoke alarms	
<b>Lesson Outcomes</b>	To be able to outline the importance of working smoke alarms and planned escape routes.	
<b>Safety Objectives</b>	To recognise the importance of working smoke alarms. To consider what steps can be taken to ensure the smoke alarms are maintained. To consider what needs to be done in an emergency such as a fire. To plan an escape route.	
<b>National Curriculum Links</b>	Citizenship	2.3a&b, 3e&g, 4c&j
	DT	1.3a&b, 1.4b, 2a
	Geography	1.1b, 1.2b, 2.1b,e,g, 2.3a,b,c, 4b,c,d,i
	PSHE (PW)	1.3a,b,c, 2.2a,c,e,f, 2.3a,b,c, 3g, 4c,e,g,h
	PSHE (EW)	1.3a&c

<b>Summary of activities</b>		<b>Associated resources</b>
1	Decision making exercise – Risk assessment and hazard planning.	PowerPoint Norman academy plan on A3 (for each group) Decision sheet (for each group) PC Score sheet (for teacher)
2	Plan your great escape	Great escape booklets (enough for one each) Plain A4/3 paper

<b>Activity 1</b>		<b>Decision Making Exercise – Risk assessment and hazard planning</b>
1.1	PowerPoint	This activity aims to outline fire safety issues that need to be considered in a building, whilst allowing students to gain an insight into the process of decision making when faced with an unusual situation.  Students enter the classroom and are directed to teams of two or three. Students will act as young fire marshals in a new school, their task is to ensure staff and students are kept safe at all times from the risk of fire. As the presentation progresses they will encounter a number of scenarios. They have to decide the best course of action. For each decision you will award them 0, 5 or 10 points. The maximum number of points is 100. The decisions are already laid out in a table (decision making sheet) that they write on. Further information can be found on the teacher instruction sheet.
1.2	Discussion	At the end of the activity discuss with students the decisions they made and identify 5 key safety points. These could include: <ul style="list-style-type: none"> <li>• Importance of smoke alarms</li> <li>• Smoke alarm maintenance</li> <li>• Effective escape routes – at home and other buildings where they spend a lot of time</li> </ul>

		<ul style="list-style-type: none"> <li>• Plan alternative escape routes should their primary route become unavailable</li> <li>• Understand the stop drop and roll procedure</li> </ul>
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<b>Activity 2</b>		<b>Plan your great escape</b>
2.1	Escape plans	<p>Give each student a booklet, run through the key safety messages on the front of the booklet.</p> <p>Using the themes of escape and code, students work through the middle pages of the booklets identifying key escape messages. Reinforce key messages with students once they've completed the activity.</p>
2.2	Fire safety in your own home	<p>Students draw a plan of their own home and apply knowledge and understanding from the previous activity to the plan.</p>
2.3	When you get home today	<p>Encourage students to make a list of 5 points or actions that they could apply at home to reduce the risk of fire.</p> <p>These could include:</p> <ul style="list-style-type: none"> <li>• Check smoke alarm</li> <li>• Encourage parents, grandparents, siblings and friends to fit smoke alarms</li> <li>• Identify trip hazards in the home that need to be fixed or tidied away</li> <li>• Tidy away objects that may slow you down in the event of a fire</li> <li>• Let everyone in the house know what the best escape route is</li> <li>• Make sure everyone knows what to do if the original escape route is blocked</li> <li>• Keep a single key by the door to aid quick escape</li> <li>• Check that plugs and sockets aren't overloaded. If so, do something about it</li> <li>• Agree that the last person to bed checks that everything that should be is turned off</li> </ul>