

## Unit Outline and On-line Resources

Lesson	Teaching and learning sequence	Resources	Differentiation	Useful links (extensions)
Lesson 1- Introduction to the unit  Explore circuits	<ul style="list-style-type: none"> <li>• Show clip on fire safety</li> <li>• Group discussion on safety alarms, occupations who need them, and how could they improve smoke alarms</li> <li>• Discuss fire alarm can be attached to the fire station for when locations are closed</li> <li>• Introduce different circuits and how they work, explain to students that you will create their own smoke alarm and circuit for their assessment. View a real life smoke detector</li> <li>• Complete lesson 1 activities in lesson plan booklet</li> </ul>	<a href="#">Fire Safety video</a>  <a href="#">Smoke detectors circuits</a>  IWB  <a href="#">Safety Simone Activity booklet</a>	<p><i>Content:</i></p> <ul style="list-style-type: none"> <li>• Multimodal presentations for visual learners</li> <li>• Self-paced in learning activity booklet</li> <li>• Assistance provided for writing and reading for low level literacy</li> <li>• Options for independent work or group</li> <li>• Writing two different circuits</li> </ul>	<a href="#">Fire video</a>  <a href="#">Circuit worksheet</a>
Lesson 2- Locations	<ul style="list-style-type: none"> <li>• Discuss different places where smoke detectors are located and why</li> <li>• Students have to list all the different places in house where they think the smoke detector should be and what type of smoke detector. Also, why it should be placed in that location</li> <li>• Explore different types of safety plans ( evacuations, meeting point)</li> <li>• Students continue to complete “Safety Simone Lesson Booklet” on lesson 2 activities</li> </ul>	<a href="#">Smoke alarm guide</a>  <a href="#">Safety Simone Activity booklet</a>  IWB	<p><i>Process:</i></p> <ul style="list-style-type: none"> <li>• Option for independent or group activities for students who have social difficulties</li> <li>• Speech recognition software from alternative to reading (speech to text)</li> <li>• Group members by mixed abilities</li> </ul>	<a href="#">Fire safety checklist</a>  <a href="#">Fire awareness in home activity</a> ( page 26)
Lesson 3- Brainstorm ideas on how to improve smoke detectors	<ul style="list-style-type: none"> <li>• Explore and discuss different designs and view clip on different types of smoke detectors</li> <li>• Explore what a smoke detector needs and other features to add in groups</li> <li>• Generate ideas on new improved smoke detectors</li> <li>• Students continue to complete “Safety Simone Lesson Booklet” on lesson 3 activities</li> </ul>	<a href="#">Smoke detectors</a>  <a href="#">Safety Simone Activity booklet</a>  IWB	<p><i>Product:</i></p> <ul style="list-style-type: none"> <li>• Provide guided assistance or scaffolding for students who have difficulties</li> <li>• Allow students to use speech to text software to produce product</li> </ul>	<a href="#">Smoke alarm drawing activity</a> (page 31)  <a href="#">Smoke alarm advertisement</a> (page 32)

<p>Lesson 4- Plan and develop improve a design for a smoke alarm</p>	<ul style="list-style-type: none"> <li>• Students develop plan and design for smoke alarm with drawings and labels</li> <li>• Explore different advertisements for smoke alarms/ safety through videos and images</li> <li>• Describe why they have designed it and where there design be locate. Also, who is their audience teachers, kids, parents etc.</li> <li>• Students continue to complete “Safety Simone Lesson Booklet” on lesson 4 activities</li> </ul>	<p><a href="#">Safety Simone Activity booklet</a></p> <p><a href="#">Smoke alarm advertisement</a></p> <p><a href="#">Smoke alarm videos</a></p> <p>IWB</p>		<p><a href="#">Personal safety fire awareness</a> (page 39)</p>
<p>Lesson 5- Reflect and present design to the class</p>	<ul style="list-style-type: none"> <li>• Peer verbal feedback</li> <li>• Presentation of design</li> <li>• Students continue to complete “Safety Simone Lesson Booklet” on lesson 5 activities</li> <li>•</li> </ul>	<p><a href="#">Safety Simone Activity booklet</a></p> <p>IWB</p> <p><a href="#">Peer feedback forms</a></p>		<p><a href="#">Fire safety in the community ( page 41-45)</a></p>
<p>Lesson 6 – Fire Safety Visit</p>	<ul style="list-style-type: none"> <li>• 10 minutes to finish presentations for designs</li> <li>• Students complete lesson 6 questions before fire fighter visit</li> <li>• Fire safety visit from local fire stations to talk about fire safety and their jobs</li> </ul>	<p><a href="#">Safety Simone Activity booklet</a></p>		