

Guidelines for the use of 'Zeppelin!'

Activity title:	Zeppelin!
Curriculum area:	English/Maths/History/Geography/Art & DT/Science/ICT
NC objectives:	<p>English: En1 - 1a, 1b, 1c, 1d, 2a, 2b, 2c, 2d, 3a, 3b, 3c, 3d, 8; En2 - 1h, 3f; En3 - 1a, 1c, 1d, 1e, 4b.</p> <p>Maths: Ma2 - 1b, 1g, 1h; Ma3 - 1a, 1b, 1d, 1f & 2a.</p> <p>Science: SC1 - 1a; Sc3 - 1a, 2b, 2c; Sc4 - 2c.</p> <p>History: 2a, 2c, 2d, 4a, 4b, 5a & 5c.</p> <p>PSHE: 1a, 2c, 2d & 2e.</p> <p>ICT: 1a, 1b, 1c, 2a, 3a, 3b.</p> <p>Geography: 2a, 2c & 2d.</p> <p>Art: 5b.</p> <p>DT: 1c, 2a, 2b, 2c, 2d, 4a, 4b.</p>
Main learning objective	That before aircraft took over the role, lighter-than-air rigid craft called airships were used for strategic warfare and for the first time civilians were subject to aerial bombardment.

Timing	Lesson plan ideas, activities and resource sheets
INTRODUCTION	<ul style="list-style-type: none"> Ask the class to can name as many types of man-made flying things as possible.

15 minutes	<ul style="list-style-type: none"> • If airships are not mentioned, ask them if they have heard of them. Airships are termed 'lighter-than-air' craft and these can be two types: non-rigid - like blimps and hot-air balloons and rigid - airships. • Tell the class that they are going to do some work on the famous German Zeppelin airships. Show the PowerPoint 'GRWW1 e Lighter than air'.
MAIN ACTIVITY 35 minutes	<ul style="list-style-type: none"> • Provide the class with 'GRWW1 5a Background information on air raids on Britain in WW1', 'GRWW1 5b Zeppelins'. • Maths: Provide the worksheets 'GRWW1 5d Zeppelin heading' and 'GRWW1 5e Attack the Zeppelin'. • English: Provide the worksheets 'GRWW1 5g Zeppelin wordsearch' and 'GRWW1 5h Zeppelin poetry'. • DT: Provide the worksheet 'GRWW1 5i Make a Zeppelin' and required materials. • Note: This lesson could be extended to project length to allow construction of Zeppelin models.
PLENARY 10 minutes	<ul style="list-style-type: none"> • Read aloud the letter, 'GRWW1 5c Letter about a Zeppelin raid'. Discuss what the pupils think about it and the issues it raises. • Judged on the basis of industrial man-hours expended, the use of its valuable and scarce resources, Germany's airship and heavy bomber campaigns were probably not worth the effort. It has been calculated that the total costs to the Germans of all the aircraft and airships involved was over five times of the cost of the damage that the bombing raids on Britain caused. • However in other terms they were successful - the most effective aspects were: <ol style="list-style-type: none"> 1. Forcing the British to adopt countermeasures (which were expensive and resource intensive). 2. Reducing the morale of the British civilians, which fell dramatically but never 'broke'. The idea of making the enemy's civil population face continual death and destruction so that the prospect of peace or surrender was preferable to fighting was a theme that was to re-occur in WW2 - firstly during the German Blitz against Britain and then in the Allied bombing campaign against Germany. Neither ultimately won the war. • Ask pupils to read their poems aloud to the class. • The rest of the class listen and discuss.



Suggested extension activities or cross curricular links:

- Hold a debate - argue for and against strategic bombing of civilians.
- Newspapers, TV & Radio
- Create a play Play - from target and Zeppelin crew
- Make electric motors with propellers to demonstrate aero-engines

