



Lucy Lavers primary teaching resources (outline)

Key stage	Curriculum links	Activity
KS1	Science (Working scientifically, Everyday materials, Uses of everyday materials)	Floating and sinking – children make predictions about whether a range of objects will float or sink. Children test their predictions. Children attempt to explain why some objects float and others sink.
KS1	English (Composition), Art and design	Children draw a series of pictures showing a lifeboat rescue and add sentences to explain what is happening in each scene.
KS1	Geography, Art and design, Computing	Provide children with maps of Norfolk and Suffolk. Add labels for Aldeburgh and Stiffkey to show where Lucy Lavers was based and is now being restored. Use a compass to add direction labels to the map. Draw pictures and add keyword labels of the type of environment found at Stiffkey and/or Aldeburgh. Use the Internet to search for photographs of these areas. Identify physical features and human features. Compare these habitats to where they live.
KS2	Science (Working Scientifically, Uses of everyday materials), Design and technology	Floating and sinking – children experiment with floating and sinking then use their knowledge to make plasticine boats and test how much mass they can carry before they sink.
KS2	Design and technology, Science (Working Scientifically, Uses of everyday materials)	Children design and make their own lifeboat using matchboxes as their starting point. Children compare their boats with those of others and discuss which features will make the lifeboats faster, slower, more stable etc. Show children video 'Ben and George at work on Lucy December '13' to show real boatbuilders at work.
KS2	Science (Forces), Maths (Geometry), Design and	Students watch video 'Abdy Beauclerk and Lucy Lavers' to hear description (at 4 mins) of how ramps, weights, chains, pulleys and turntables were used to launch the lifeboat and bring it back to the lifeboat

	technology	house. Ramps investigation – children investigate the effect of friction on the speed at which objects move down a ramp. Children change the mass of the object to find out what effect this has. Children change the gradient of the ramp and measure the size of the angle to see what effect this has on the speed at which objects move down the ramp. Children use chains and pulleys to see how this impacts the mass of object that can be moved up the ramp.
KS2	English (Composition), Art and design	Children use the video ‘Rescue of Waterwitch’ as stimulus for writing: <ul style="list-style-type: none"> • A newspaper report about the rescue • A letter from Peter to his family telling them what had happened • A report of the incident for lifeboat records • Their own (imaginary) rescue story Children illustrate their work to show key events from their story.
KS2	Geography, Computing	Children watch the video ‘Lucy Lavers - finding her’ and add labels to a map of Great Britain to show Aldeburgh, Southampton, the Solent and Stiffkey. Use a compass and grid references to identify the specific location of each place and describe their geographical position compared to each other. Use the Internet to source photographs of each location and use these to describe the human and physical geography of each.
KS2	History, Computing, Geography, English (Reading, Composition, Spoken language), Art and design	Show a PowerPoint presentation to introduce children to Dunkirk and the role of the little ships. Show British Pathé film of Dunkirk, provide other sources for children to read. Children use the Internet to find out why the little ships were needed and what their role was. Children use maps to draw the route taken by the little ships. Children write an account of Operation Dynamo from the perspective of a Little Ship, a crew member or a rescued soldier. Children draw a picture of a Little Ship, or a scene from the rescue. Children role play Operation Dynamo.

Full printed resources packs are available for each key stage with lesson plans, films and images.

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