

Bubbles Workshop

Curriculum Links

Please note:	Our workshops may not cover all of the links below in great depth as we are restricted by time, however you have the opportunity to cover them in the follow up activities you will be receiving from us.	
Aims and Activities taken from the workshop booklet	<p>Foundation Stage and Key Stage 1 children explore bubbles in an exciting and interactive way. Most children have blown bubbles at this age and this workshop encourages the children to discuss what bubbles are made of, where bubbles are found, including making bubbles using household items to:-</p> <ul style="list-style-type: none"> - investigate the best way of blowing bubbles - observe bubbles for colours and shapes - experiment using everyday items to blow bubbles - predict and test what happens with different shaped bubble blowers - create bubble pictures. <p>Weather permitting we go outside and make BIG bubbles using the large bubble makers.</p>	
	National Curriculum	Non-Statutory Opportunities
Science	<p>Working Scientifically (KS1):</p> <ul style="list-style-type: none"> • asking simple questions and recognising that they can be answered in different ways • observing closely, using simple equipment • performing simple tests • identifying and classifying • using observations and ideas to suggest answers to questions • gathering and recording data to help in answering questions <p>Everyday Materials (Y1)</p> <ul style="list-style-type: none"> • describe the simple physical properties of a variety of everyday materials <p>Uses of Everyday Materials (Y2)</p> <ul style="list-style-type: none"> • identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses • find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching 	<p>Pupils will work scientifically by:</p> <ul style="list-style-type: none"> - performing simple tests to explore questions about bubbles -investigating the suitability of everyday materials and items for making bubbles - exploring, naming, discussing and raising and answering questions about bubbles and their properties - recording observations about bubbles
DT	<ul style="list-style-type: none"> • Design • Make • Evaluate • Use Technical Knowledge 	<p>Pupils will design their own bubble wands that really work, selecting from a range of materials. They will evaluate the effectiveness of existing bubble wands and compare to their own prototypes.</p>
Maths	<ul style="list-style-type: none"> • Measure and begin to record capacity and volume (Y1); choose and use appropriate standard units to estimate and measure capacity (litres/ml) to the nearest appropriate unit using scales and measuring vessels (Y2) 	<p>Opportunity here for pupils to mix and measure their own bubble mixtures using measuring language. Describing bubbles as spheres and also describing the shape</p>

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	<ul style="list-style-type: none"> recognise and name common 2-D and 3-D shapes (Y1); identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line (Y2) 	of different wands (eg) triangle, circle, square etc. and their properties
English	<ul style="list-style-type: none"> ask relevant questions to extend their understanding and knowledge articulate and justify answers, arguments and opinions developing a broader, deeper and richer vocabulary 	
FS	<ul style="list-style-type: none"> Maths: explore characteristics of everyday objects and shapes and use mathematical language to describe them Exploring and using media and materials: safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function Being imaginative: children use what they have learnt about media and materials in original ways, thinking about uses and purposes 	<ul style="list-style-type: none"> playing and exploring with bubbles - children investigate and experience things, and 'have a go' active learning with bubbles - children concentrate and keep on trying if they encounter difficulties, and enjoy achievements creating and thinking critically about bubbles - children have and develop their own ideas, make links between ideas, and develop strategies for doing things