

KS1 Skills - Science

Skills	Which year and topic are they covered in
<b>Working Scientifically</b>	
asking simple questions and recognising that they can be answered in different ways	All topics
observing closely, using simple equipment	YA Autumn 2 – Bang! YA Spring 2– Let’s Go to China YA Summer 1– Heroes YB Autumn 1 – All About Me YB Summer 1 – Outstanding Safari’s
performing simple tests	YA Autumn 2 – Bang! YA Spring 1 – Terrific Toys YA Summer 2 – At the Beach YB Autumn 2– Fire Fire! YB Spring 1 – Amazing individuals YB Spring 2 – Castles YB Summer 1 – Outstanding Safari’s
identifying and classifying	YA Autumn 1 – What a wonderful world YA Spring 1 – Terrific Toys YA Spring 2– Let’s Go to China YB Autumn 1 – All About Me YB Spring 1 – Amazing individuals YB Summer 2 – Forever changing me
using their observations and ideas to suggest answers to questions	All topics
gathering and recording data to help in answering questions	All topics
<b>Asking Questions and Carrying Out Fair and Comparative Tests</b>	
explore the world around them, leading them to ask some simple scientific questions about how and why things happen	YA Autumn 1 – Around the World YA Autumn 2 – Bang! YA Summer 2 – At the Beach YB Summer 1– Outstanding Safari’s
begin to recognise ways in which they might answer scientific questions	All topics
ask people questions and use simple secondary sources to find answers	All topics
carry out simple practical tests, using simple equipment	YA Autumn 2 – Bang! YA Spring 1 – Terrific Toys YA Summer 2– At the Beach YB Autumn 2 – Fire Fire! YB Spring 1 – Amazing individuals YB Spring 2– Castles YB Summer 1– Outstanding Safari’s
experience different types of scientific enquiries, including practical activities	All topics
talk about the aim of scientific tests they are working on	All topics
with support, start to recognise a fair test	YA Spring 1 – Terrific Toys YA Summer 2 – At the Beach YB Autumn 2 – Fire Fire!

	YB Spring 1– Amazing individuals YB Spring 2 - Castles
<b>Observing and Measuring Changes</b>	
observe the natural and humanly constructed world around them	YA Autumn 1 – What a wonderful world YA Autumn 2– Bang! YA Spring 2 – Let’s Go to China YA Summer 1– Heroes YA Summer 2 – At the Beach YB Autumn 1– All About Me YB Summer 1 – Outstanding Safari’s
observe changes over time	YA Autumn 2 – Bang! YA Spring 2 – Let’s Go to China YA Summer 1 – Heroes YB Autumn 1 – All About Me YB Summer 1 – Outstanding Safari’s
use simple measurements and equipment	YA Autumn 2 – Bang! YA Spring 2 – Let’s Go to China YA Summer 1 – Heroes YA Summer 2 – At the Beach YB Spring 2 – Castles YB Summer 1 – Outstanding Safari’s
make careful observations, sometimes using equipment to help them observe carefully	YA Autumn 1 – What a wonderful world YA Autumn 2– Bang! YA Spring 1 – Terrific Toys YA Spring 2 – Let’s Go to China YA Summer 2 – At the Beach YB Autumn 1 – All About Me YB Summer 1 – Outstanding Safari’s
<b>Identifying, Classifying, Recording and Presenting Data</b>	
use simple features to compare objects, materials and living things	YA Autumn 1 - What a wonderful world YA Spring 1 – Terrific Toys YA Spring 2 – Let’s Go to China YA Summer 1 – Heroes YB Autumn 1 – All About Me YB Autumn 2 – Fire Fire!
decide how to sort and classify objects into simple groups with some help	YA Autumn 1 – What a wonderful world YA Spring 1 – Terrific Toys YA Spring 2 – Let’s Go to China YA Summer 1 – Heroes YB Autumn 1– All About Me YB Spring 2 – Castles
record and communicate findings in a range of ways with support	All topics
sort, group, gather and record data in a variety of ways to help in answering questions such as in simple sorting diagrams, pictograms, tally charts, block diagrams and simple tables	YA Autumn 2 – Bang! YA Spring 2 – Let’s Go to China YA Summer 1 – Heroes YA Summer 2 – At the Beach YB Autumn 2 – Fire Fire! YB Summer 1 – Outstanding Safari’s
<b>Drawing Conclusions, Noticing Patterns and Presenting Findings</b>	

notice links between cause and effect with support	YA Autumn 2 – Bang! YA Summer 2 – At the Beach YB Autumn 2 – Fire Fire! YB Spring 1 – Amazing individuals YB Summer 1 – Outstanding Safari's
begin to notice patterns and relationships with support	YA Autumn 1 – What a wonderful world YA Autumn 2 – Bang! YA Summer 2– At the Beach YB Autumn 1 – All About Me YB Summer 1– Outstanding Safari's
begin to draw simple conclusions	All topics
identify and discuss differences between their results	All topics
use simple and scientific language	All topics
read and spell scientific vocabulary at a level consistent with their increasing word reading and spelling knowledge at Key Stage 1	All topics
talk about their findings to a variety of audiences in a variety of ways	All topics
<b>Using Scientific Evidence and Secondary Sources of Information</b>	