

# Year 2 Spring 1

## Science Crucial Knowledge

Living Things & Their Habitats  
Food Chains

- Animals obtain their food from other plants and animals. This is called a food chain.
- In a food chain there is a producer, consumer and predator.
- The producer produces the food (like a plant).
- The consumer eats the food.
- The predator eats the consumer.

## Geography Crucial Knowledge

It's a small world...or is it?  
Similarities & Differences  
England & Kenya

- A physical feature is one that is naturally made.
- A human feature is one that has been made by humans.
- Kenya is located on the continent of Africa.



- Kenya's coastline is on the Indian Ocean.
- The capital city of Kenya is Nairobi.
- The climate in Kenya is hot, sunny and dry for most of the year.

## Computing Crucial Knowledge

Data - Pictograms

- Technology can be used to sort data.
- Data is a collection of information.
- Technology can be used to store data and digital content for example; pictures and charts.
- **Vocabulary:** more than, less than, most, least, common, popular, organise, data, object, tally chart, votes, total, pictogram, enter, data, compare, objects, count, explain, attribute, group, same, different, conclusion, block diagram, sharing

## Personal, Social Health & Economic Education Crucial Knowledge

What helps us to stay safe?

- If something is unsafe it means it can be dangerous to us or others.
- Rules keep us safe by making sure we know what is right and wrong and the consequences for both.
- Some things we do put us at more risk like crossing the road, dangers in the home, playing near water, on-line, medicines, fire risks.
- The internet is not always safe– some people are not who they pretend to be.
- If you do not feel safe online, you should tell a trusted adult.
- Not all secrets are good secrets (a surprise party is a good secret, something that makes you feel unsafe or uncomfortable is not).
- If something makes you feel unsafe– you can say no.

## Music


Grandma Rap

- Duration is the length of time each note is played for.
- Tempo is the speed of the music.
- Beat is the heartbeat of the music.
- Pitch is how high or low a sound is.
- Structure is the way a piece of music is organised.

## Art & Design Crucial Knowledge

Painting

- Mixing is where you add one colour to another to make a new colour.
- When you add white to a colour it goes lighter

	<ul style="list-style-type: none"> <li>• When you add black to a colour it goes darker</li> </ul>
<b>Physical Education Crucial Knowledge</b>	
<b>Throwing and catching – ball skills and movement</b>	<ul style="list-style-type: none"> <li>• Co-ordination is the ability to move two or more body parts under control, smoothly and efficiently.</li> <li>• Co-operation is when you work together with others to achieve a result.</li> <li>• Throw is to push an object by hand with a sudden forward motion ending with straightening the arm and wrist.</li> <li>• Catching is the use the hands to stop and hold a moving object.</li> <li>• Eyes on the object, Finger tips together (two handed catch)</li> <li>• Catch the object, then grip it.</li> </ul>
<b>Religious Education Crucial Knowledge</b>	
<b>Worship &amp; Ceremonies</b>	<ul style="list-style-type: none"> <li>• All religions use symbols and actions to represent their faith.</li> <li>• Christians visit the church to worship, and their special book is called The Bible.</li> <li>• Christians use a cross as their religious symbol.</li> <li>• Hindu's visit a Mandir (temple) to worship and their special collection of books is called Vedas.</li> </ul> <div style="text-align: right; margin-right: 50px;">  </div> <ul style="list-style-type: none"> <li>• Hindus have a religious symbol called 'Om' (aum)</li> </ul>