

# 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.

## 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
- When you add black to a colour it goes darker

## 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.

## Music Crucial Knowledge

### Animals / Numbers Pitch

- Singing is to perform songs or tunes using our voices.
- A tuned instrument is an instrument that plays set notes e.g. piano.
- An un-tuned instrument is an instrument that does not play set notes e.g. drums.
- Rhythm is the music's pattern in time (counted).
- Pitch is how high or low a sound is.

## Physical Education Crucial Knowledge

### Throwing and catching – ball skills and movement

- Co-ordination is the ability to move two or more body parts under control, smoothly and efficiently.
- Co-operation is when you work together with others to achieve a result.
- Throw is to push an object by hand with a sudden forward motion ending with straightening the arm and wrist.
- Catching is the use the hands to stop and hold a moving object.
- Eyes on the object, Finger tips together (two handed catch)
- Catch the object, then grip it.

## Religious Education Crucial Knowledge

### Worship & Ceremonies

- All religions use symbols and actions to represent their faith.
- Christians visit the church to worship, and their special book is called The Bible.
- Christians use a cross as their religious symbol.
- Muslims visit mosques to worship and their special book is called the Quran.

	<ul style="list-style-type: none"> <li>• Muslims use a star and moon crescent as their religious symbol.</li> </ul>
<b>Personal, Social Health &amp; Economic Education Crucial Knowledge</b>	
<p><b>What helps us to stay safe?</b></p>	<ul style="list-style-type: none"> <li>• If something is unsafe it means it can be dangerous to us or others</li> <li>• Rules keep us safe by making sure we know what is right and wrong and the consequences for both</li> <li>• 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</li> <li>• The internet is not always safe– some people are not who they pretend to be</li> <li>• If you do not feel safe online, you should tell a trusted adult</li> <li>• Not all secrets are good secrets (a surprise party is a good secret, something that makes you feel unsafe or uncomfortable is not)</li> </ul>