

# 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 use the church and Bible to pray and their symbol is a cross.
- Muslims visit mosques and follow the Quran their symbol is a star and moon crescent.

## 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)