

# Year 1 Autumn 1

## Science Crucial Knowledge

Everyday materials

- A material is what something is made of.
- Materials can be described by how they look and feel.
- There are lots of different materials such as wood, plastic, glass, metal, water and rock.

## Geography Crucial Knowledge

Around the World in half a term  
The UK – where am I?

- I live in \_\_\_\_\_
- A village has a small number of houses and people.
- A town is larger than a village and more people live there.
- A city is the largest and have millions of people living there.
- Our nearest village is Chesterton.
- Our nearest town is Newcastle-under-Lyme.
- Our nearest city is Stoke-on-Trent.

## Art & Design Crucial Knowledge

Drawing

- Tone means how light or dark something is
- Hatching means lines that cross over in different directions to create tone.
- Stippling is small, repeated dots used to create tone.

## Computing Crucial Knowledge

Computer Systems and Networks-  
Technology around us

- Technology is something that can help us
- Technology in school are computers, whiteboards and photocopier.
- Technology at home are mobile phones, television and washing machine.

**Vocabulary:** technology, computer, mouse, trackpad, keyboard, screen, double-click, typing.

## Music Crucial Knowledge

Colonel Hathi's March

### Musical Learning

- Compose music to march to.
- Use tuned and untuned percussion instruments.
- Respond to the character of music with movement.
- Describe the features of a march using musical vocabulary.

### Key Musical Vocabulary

- Duration: march rhythm.
- Pitch: low and high – low voices (adult elephants), high voice (the young elephant), low instruments, and high instruments (see timbre).
- Tempo: beat (pulse).
- Timbre: low instruments (tuba), high instruments (glockenspiel, flute/piccolo), drum, military band.

## Physical Education Crucial Knowledge

Gymnastics

- Run is to move quickly using your feet.
- Jump is to lift off the ground.
- Balance is to control your body's position to stay upright.

## Personal, Social Health & Economic Education Crucial Knowledge

What helps us stay healthy?

- Parents, doctors, nurses, dentists keep us healthy.
- To be healthy we need to eat well, exercise, sleep, **reduce screen time** and keep ourselves clean.
- We stay clean by washing ourselves and brushing our teeth.
- Hygiene is what you do to stay clean and stops germs from spreading.
- Medicines (including vaccinations and immunisations) can help people stay healthy.

## Religious Education

Caring

- Faith is a strong belief or trust in someone or something.
- A Faith community is a group of people sharing the same religion.
- Christianity is a religion.
- Judaism is a religion.
- Faith communities believe it is important to show care towards other people.