KEY VOCABULARY

YEAR 5 AUTUMN 2 CHANGES OVER TIME

SCIENCE – Forces including simple machines

newtons (N)	A unit used to measure force. The bigger the force, the more newtons it has.
simple machines	Tools that make work easier by helping us move or lift things.
mass	How much matter is in an object. Mass is usually measured in **grams (g)** or **kilograms (kg)**.
weight	The force of gravity pulling on an object.
force meter	A tool used to measure force in newtons.

IMPORTANT KNOWLEDGE (Five Finger Facts)

- Forces can change an object's speed, direction, and/or shape.
- Friction is the force between two surfaces that are moving, or trying to move, across each other.
- Gravity is an invisible pulling force that makes unsupported objects fall towards Earth.
- Air resistance is a force that acts in the opposite direction to the movement of an object.
- Water Resistance is a force which acts to slow down or stop objects that are moving through liquid.

HISTORY – WW2

allies	A group of nations united with a common purpose
garrison	A military outpost where troops are stationed to provide protection to an area.
evacuee	A person sent away from a dangerous place.
rationing	Allowing people to have a fixed amount of something.

IMPORTANT KNOWLEDGE (Five Finger Facts)

- The Second World War started in 1939 when Germany invaded Poland.
- Children from larger cities in England were sent to smaller towns and villages such as Ripon because their homes were being bombed by the enemy.
- Rationing introduced in 1940 was providing of small amounts of certain foods, for example, sugar and chocolate.
- France, Russia and later the USA were allies of Great Britain, which lead to Germany surrendering in 1945
- Ripon was a Garrison town where soldiers trained and formed in battalions in the summer of 1939.

RE – Stories of Christianity

parable	A simple story used by Jesus to teach a moral or spiritual lesson.
baptism	A Christian ritual using water to show a person's new life with God.
persecution	Being treated unfairly or harmed because of religious beliefs.
faithful	Remaining loyal and trusting in God, even during hard times.
transformation	A complete change in someone's life or beliefs, often through faith.

IMPORTANT KNOWLEDGE (Five Finger Facts)

- The story of Ruth and Niomi teaches Christians that friends stick together and that God loves everyone and is faithful.
- The Story of Daniel and the Lion's Den teaches Christians that even though they may face persecution for their beliefs, God will always be with them.
- Christians believe that Jesus' parable of The Lost Sheep illustrates God's love and compassion for people, even those who have strayed from his path.
- The story of John the Baptist teaches Christians that the rite of baptism is symbolic (the water represents being washed of your old life and being born again to a new life with God).
- Christians believe Paul underwent a transformation and then encouraged Christians to stand firm in their beliefs, no matter how difficult.

RECOMMENDED BOOKS







THEME DAYS, VISITS, EXPERIENCES:

Armistice Day – Wednesday 11th November

BBC Children in Need – Friday 13th November

Anti-Bullying week – w/c 16.11.26

Odd Socks Day – Monday 16th November

Art week – w/c 30.11.26