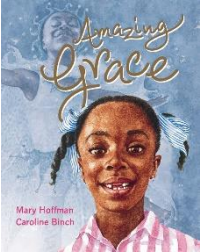
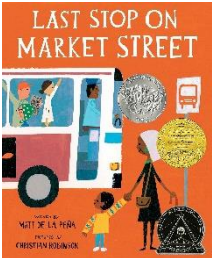
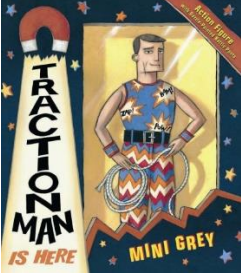
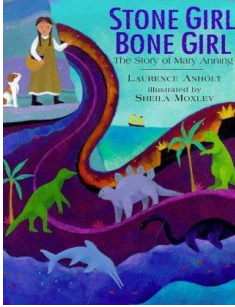
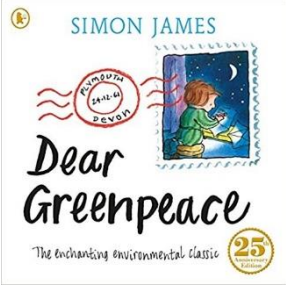
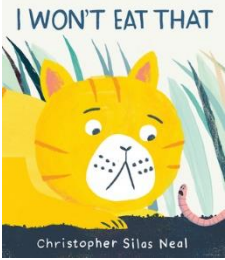


Prior Weston Primary School yearly overview – Topic, Science and English Text

Year Group	Autumn		Spring Science week		Summer	
Year 1	<p>WHY I MATTER?</p> <p>Theme: Stories from around the world</p>  <p>Anansi, Amazing Grace</p> <ul style="list-style-type: none"> links to BHM, introduce geography, cultures from the past) <p>Science: Seasonal Changes</p> <p>Computing Staying safe online (internet safety, using/understanding passwords)</p>	<p>WHY MY COMMUNITY MATTERS?</p> <p>Theme: Local area</p>  <ul style="list-style-type: none"> look at the difference between then & now <p>Science: Seasonal Changes</p> <p>STEM: picture grams – changes of seasons over time, beebots – directions/turns</p> <p>Computing Beebots, programming directions/turns</p>	<p>HOW DO I SEE THE WORLD?</p> <p>Theme: Toys –</p>  <ul style="list-style-type: none"> links to the history of toys historical figures – Queen Victoria toys from around the world <p>Science: Everyday Materials</p> <p>STEM: D&T, measuring materials, shapes of or in toys, collecting and presenting data, money – selling toys</p> <p>Computing Word processing</p>	<p>WHY DO OTHERS MATTER?</p> <p>Theme: Dinosaurs –</p>  <ul style="list-style-type: none"> using geographical terms classifying dinosaur types <p>Science: Animals, including humans</p> <p>STEM: sorting and classifying dinosaurs according to properties</p> <p>Computing Coding</p>	<p>HOW CAN I CHANGE THE WORLD?</p> <p>Theme: Living & Growing</p>  <ul style="list-style-type: none"> Links to famous scientists/explorers (history/geog) Where animals live Continents Climates <p>Science: Animals, including humans</p>	<p>WHY MY MIND AND BODY MATTER?</p> <p>Theme: Conservation –</p>  <p>STEM: collecting and presenting data, food technology</p> <p>Science: Plants</p> <p>STEM: measuring plants, sorting and classifying different types of plants</p> <p>Computing Pictogram</p>

Year 2

WHY I MATTER?

Theme:
Heroes/Famous people



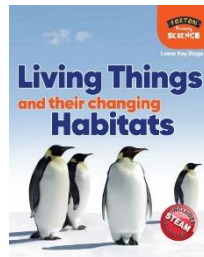
- BHM
- Significant historical figures
- Events beyond living memory

STEM: sorting and classifying, collecting and presenting data – tally charts

Computing
Staying safe online (understand the need to be respectful online)

WHY MY COMMUNITY MATTERS?

Theme:



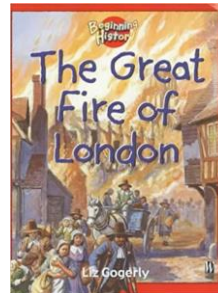
Science: Living Things and their habitats

STEM: sorting and classifying, collecting and presenting data – tally charts

Computing
Branching databases (identifying features of animals and habitats using J2Data)

HOW CAN I CHANGE THE WORLD?

Theme: Materials



- Timeline for Great Fire of London – significant events
- Events beyond living memory

Science: Uses of Everyday Materials

- Different materials
- Properties of materials

Computing
Coding (sequence and programming – J2Code)

WHY DO OTHERS MATTER?

Theme: Identity



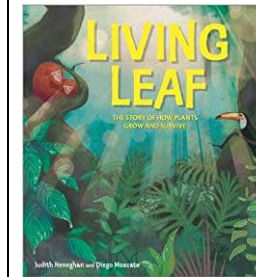
Science: Uses of Everyday Materials

- History of materials
- Where materials come from

Computing
Graphs and charts (collect data and create pictograms - JIT)

WHY DOES MY MIND AND BODY MATTER?

Theme: Plants



Science: Plants

STEM: measuring plants, sorting and classifying different types of plants

Computing
Word document (research and create word document about plants)

HOW DO I SEE THE WORLD?

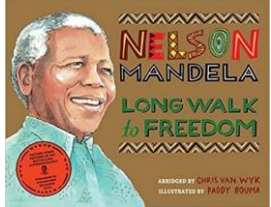
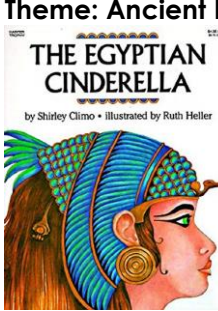
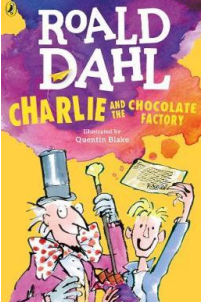
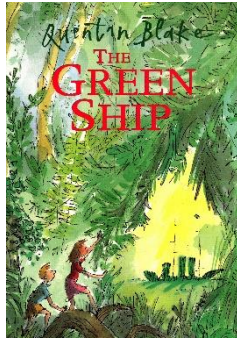
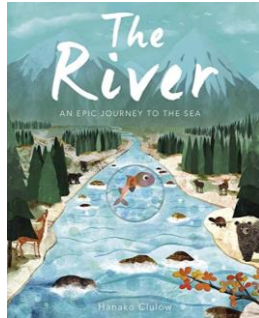
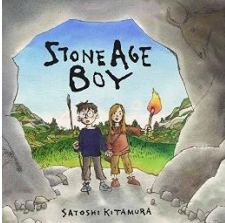
Theme: Pirates

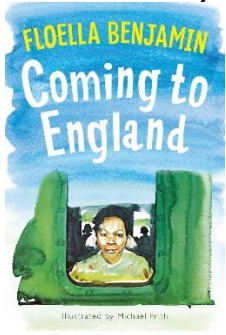
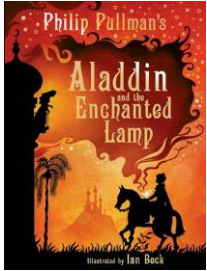
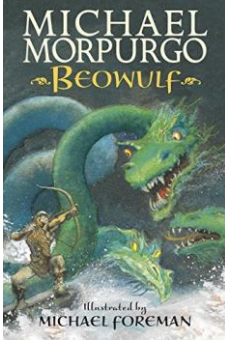

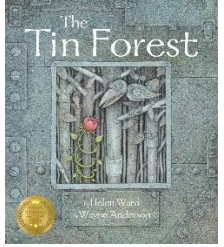
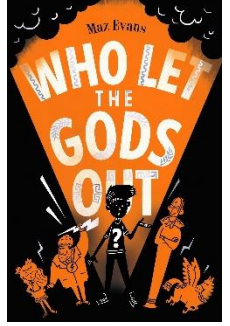


- Maps
- Keys
- Countries & cities
- Directions

Science: Animals including Humans

STEM: position and direction (beebots)

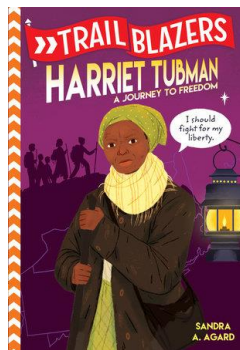
<p>Year 3</p>	<p>WHY DO I MATTER?</p> <p>Theme: Equality</p>  <ul style="list-style-type: none"> Historical links – Apartheid (living memory) <p>Science: Light</p> <p>STEM: patterns in way shadows change</p> <p>Computing Staying safe online (Use technology safely, respectfully and responsibly)</p>	<p>WHY DO OTHERS MATTER?</p> <p>Theme: Ancient Egypt</p>  <ul style="list-style-type: none"> River Nile – history/geog. <p>Science: Forces and Magnets</p> <p>STEM: interpreting and presenting data</p> <p>Computing Coding (sequencing and programming - J2Code)</p>	<p>WHY DOES MY MIND AND BODY MATTER?</p> <p>Theme: Chocolate</p>  <ul style="list-style-type: none"> Mayans (history) <p>Science: Animals including Humans</p> <p>STEM: interpreting and presenting data, D&T designing and making, measurement – mass, volume, money</p> <p>Computing Powerpoint (create and present a PowerPoint on the history of chocolate?)</p>	<p>HOW DO I SEE THE WORLD?</p> <p>Theme: Growth</p>  <ul style="list-style-type: none"> Geog. – map work <p>Science: Plants</p> <ul style="list-style-type: none"> Geog links – locational, climates History links – Mayans <p>STEM: measurement, sorting and classifying, interpreting and presenting data</p> <p>Computing Spreadsheet (create a basic spreadsheet showing measurement of growth)</p>	<p>WHY DOES MY COMMUNITY MATTER?</p> <p>Theme: Rivers</p>  <ul style="list-style-type: none"> Geog. Links – map work River Thames Rivers around the world Build on knowledge <p>STEM: interpreting and presenting data</p> <p>Computing Word Document (create and print word document as published piece of writing)</p>	<p>HOW DO I SEE THE WORLD? / HOW DO I CHANGE THE WORLD?</p> <p>Theme: Stone Age – Iron Age</p>  <ul style="list-style-type: none"> History links <p>Rocks</p> <p>Y3 residential?</p> <p>STEM: sorting and classifying, interpreting and presenting data</p> <p>Computing Coding (create basic programme on Scratch)</p>
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<p>Year 4</p>	<p>WHY DO I MATTER?</p> <p>Theme: Diversity</p>  <ul style="list-style-type: none"> Differences between Britain and Caribbean Map work History of Britain Use of historical sources What London looked like then <p>Science: Sound</p> <p>STEM: measurement, interpreting and presenting data, D&T making ear defenders</p> <p>Computing Staying safe online (Use technology safely, respectfully and responsibly)</p>	<p>WHY DO MY MIND AND BODY MATTER?</p> <p>Theme: Growth Mindset</p>  <ul style="list-style-type: none"> Links to China & trade – effects on today Art links <p>Science: Electricity</p> <p>STEM: D&T project to make circuit, measurement</p> <p>Computing PowerPoint (create and present a PowerPoint on growth mindset)</p>	<p>HOW I SEE THE WORLD?</p> <p>Theme: Anglo-Saxons</p>  <ul style="list-style-type: none"> Who they are Where they came from Raiders/settlers <p>Science: Animals, including humans (digestive system)</p> <p>STEM: measurement of parts digestive system</p> <p>Computing Word publishing (Use word document to publish writing on the digestive system)</p>	<p>WHY DO OTHERS MATTER?</p>  <p>Theme: Vikings</p> <ul style="list-style-type: none"> Links to immigration themes Aut1 <p>Computing Coding (using sequencing and loops on Scratch)</p>	<p>HOW CAN I CHANGE THE WORLD?</p> <p>Theme: Rainforest</p>  <ul style="list-style-type: none"> Geog. Links Rainforests around the world Equator Biomes etc. <p>Science: Living things and their habitats</p> <p>STEM: reading temperatures and rainfall, collecting and presenting data, number line work, perimeter and area of rainforests</p> <p>Computing Spreadsheets/graphs (Use spreadsheets and bar graphs to show data about deforestation)</p>	<p>WHY DO OTHERS MATTER?</p> <p>Theme: Greeks</p>  <p><i>The Usbourne Greek Myths</i></p> <ul style="list-style-type: none"> Looking at Greece then and now <p>Science: States of Matter</p> <p>STEM: interpreting data, temperature readings, line graphs (for times and changes in states of matter)</p> <p>Computing Coding (Use Scratch to create a quiz about Greek gods)</p>
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Year 5

WHY DO I MATTER?

Theme: Slavery



Unheard Voices?

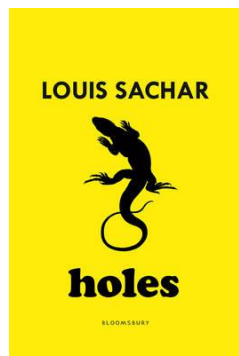
Science: Earth and Space

STEM: measuring distances, estimating and rounding

Computing
Staying safe online (Use technology safely, respectfully and responsibly)

WHY DO MY MIND AND BODY MATTER?

Theme: Resilience



- North & South America
- Comparing localities (physical geog.)
- Climate zones etc.

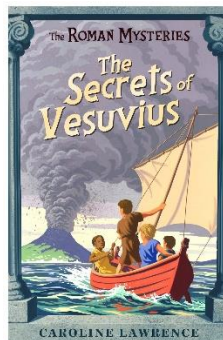
Science: Living Things and their habitats

STEM: line graphs (animal development/growth), sum and difference, sum and comparison problems of line graphs

Computing
Graphs (create a line graph digitally to show animal development/growth)

WHY DO OTHER MATTER?

Theme: Romans



- Volcanoes – geog
- Impact on Britain (local geog.)
- Locating countries and cities (map work)
- Trade

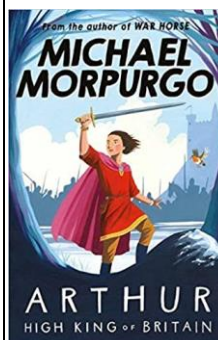
Science: Animals, including Humans

STEM: Roman numerals

Computing
Spreadsheet (Create spreadsheet about the ducks, tracking growth etc)

WHY MY COMMUNITY MATTER?

Theme: Anglo-Saxons

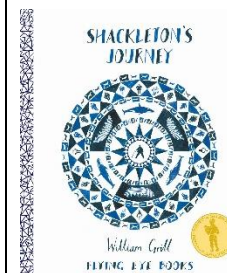


Build on prior learning and focus on the impact on Britain

Computing
Coding (write a programme which follows an algorithm)

HOW DO I SEE THE WORLD?

Theme: Climate



- Links to geog.
- Climates
- Longitude/latitude
- Co-ordinates (maths)
- Build on knowledge of food origins
- Effects on present day

Science: Properties and Changes of Material (links to transitions)

STEM: coordinates, timetables, changes of material, measurement, sorting and classifying, changes of states of matter

Computing
Word publishing (Use word document to publish writing)

HOW DO I CHANGE THE WORLD?

Theme: Global issues



Science: Forces

- Looking at key historical figures who played a part in transport over the years

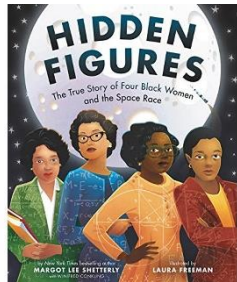
STEM: timetables, line graphs (transports, pollution, climate, temperatures), forces, decimals

Computing
Database (Build a database to answer questions about transport on J2Data)

Year 6

WHY DO I MATTER?

Theme: Rights



Maya Angelou poetry

Science: Living things and their habitats

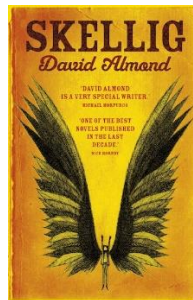
STEM links: Comparing ethnic diversity in London and Gloucestershire - percentages, estimating, rounding and money (link to cost of day-to-day running of a farm), map work - measurement/distances (converting measurements)

Computing

Word publishing (Use word document to publish writing)

WHY DOES MY COMMUNITY MATTERS?

Theme: Evolution



Science: Evolution and Inheritance

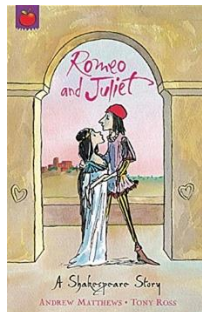
STEM links: rounding, estimating linked to fossils and timelines, percentages linked to inheritance

Computing

Coding (write and debug a programme on Scratch)

WHY DO OTHERS MATTER?

Theme: Identity



- Local history

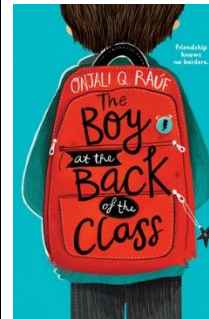
STEM links: D&T project preparing props and costumes for drama performances - measurement

Computing

Database (Create a database based on Shakespeare characters/plays?)

WHY DO MY MIND AND BODY MATTER?

Theme: Growth & friendship



Science: Animals, including humans

STEM links: estimating, rounding and money (link to cost of day-to-day running of a farm),

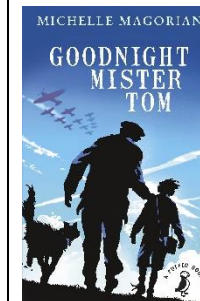
STEM/PE links: - reading/interpreting graphs measuring impact of lifestyle choices on health (e.g. heart rate) - making comparisons

Computing

Staying safe online (Use technology safely, respectfully and responsibly)

HOW DO I SEE THE WORLD?

Theme: WW2



- Local geog.
- Impact of WW2 on Britain today

Science: Electricity

- Links to use of light in WW2

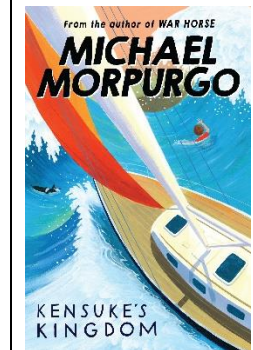
STEM links: rationing - percentages, ratio
Line graphs - comparative
Designing an Anderson shelter - links to about measurement, algebra, ratio and proportion

Computing

Spreadsheets and graphs (make a spreadsheet about the local area in WW2 and use this spreadsheet to create a variety of graphs to present the data)

HOW DO CHANGE THE WORLD? TRANSITIONS

Theme: Transition



Science: Light

STEM links: angles, measurement

Computing

Film-making!

