Curriculum Plan Year B

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| **Year B** | **Autumn Term:****Let's Explore** | **Spring Term:****Let's Experiment** | **Summer Term:****Let's Remember** |
| **English** | **Text 1**:**The train ride** Fiction / rhymeLink – geography/music/art**Text 2**: **Fatou fetch the water** FictionLink – geography/music | **Text 3**: **Sam’s Sunflower**Non fictionLink - science/art**Text 4: Boa’s Bad Birthday** Fiction/geographyLink – science/geography | **Text 1:** **What happens when?** FictionLink - science**Text 2**: **Now you know science** Non fictionLink - science | **Text 3:** **Stuck**fictionLink – DT/Science**Text 4**: **The Slime Book: All you need to know to make the perfect slime.**Non fictionLink – science/DT |  **Text 1:** **Amelia Earhart Little people, big dreams** non fictionlink – history/music**Text 2**:**Ellsworth Extraordinary Electric Ears** Link – DT/Science/historyFictionLink - history | **Text 3:** **Creature Features**Non fictionLink – science **Text 4:** **I love bugs** PoetryLink - science |
| **Maths**White RoseReception Year OneYear Two | Reception :Place Value – numbers to 5Addition and subtraction – sortingPlace Value – comparing groupsAddition and subtraction – Change within 5Measurement - timeYear One:Place Value within 10Addition and subtraction within 10Geometry - ShapePlace Value within 20Year Two:Place ValueAddition and subtractionMeasurement – moneyMultiplication and division**See Calculation Policy for Vocab and detail.** | Reception: Addition and subtraction – numbers to 5Place Value – numbers to 10Addition and subtraction – Addition to 10Geometry – Shape and spaceYear One:Addition and Subtraction within 20Place Value within 50Measurement - Length and heightMeasurement – weight and volumeYear Two:Multiplication and division StatisticsGeometry – Properties of shapeNumber – fractionsMeasurement – length and height**See Calculation Policy for Vocab and detail.** | Reception: Geometry – exploring patternsAddition and subtraction – count on and backPlace Value – Numbers to 20Multiplication and division – Numerical patternsMeasurement - measure Year One:Multiplication and divisionFractionsGeometry – Position and directionPlace Value within 100Measurement – moneyMeasurement – timeYear Two:Geometry – position and directionProblem solving and efficient methodsMeasurement – timeMeasurement – mass, capacity and temperatureInvestigations**See Calculation Policy for Vocab and detail.** |
| **Science** | **Living things and their Habitats**Questioning – What do all living things do? Questions about local environment.Sorting and classifying (animals and minibeasts) seen on walksObserve and record –numbers of different living things on walks. ( Tally) Living and dead and things that have never been alive.Collect data – tally charts of animals in habitats and micro habitatsObtain and present evidence - using hand lenses , simple tables using info collected.Evaluate – compare data from tables – most common minibeast/living creatures found**Vocab:****Working scientifically/****Transferrable words: suitable/unsuitable, question, answer, classify, discuss, observe, identify, purpose, feature, group, sort, collect, test, experiment, discover, data, common, diagram, chart, map, compare, contrast, describe****Topic specific:**habitat, living, dead, food chain, hot, warm, cold, dry,damp,wet, bright, shade, dark, conditions | **Plants** Questioning – How do plants grow? Is a deciduous tree dead in winter?Sorting and classifying – plant types/ trees. Parts of a plant and a tree.Observe and record – drawing of different leaves/ treesPlants and their habitatsPhotograph to record. growth of plants accurately over time.Collect data -– measurement of plants as they grow.Obtain and present evidence- simple bar chart to collate growth over time. Use hand lenses to identify plants/ trees.Evaluate- test to see the conditions that plants need to grow – light/ dark wet/dry/,temperature**Vocab:****Working scientifically/****Transferrable words: suitable/unsuitable question, answer, classify, discuss, observe, identify, purpose, feature, group, sort, collect, test, experiment, discover, data, common, diagram, chart, map, compare, contrast, describe****Topic specific:**Wild, deciduous, evergreen, trunk, branches, leaf, root, bud, petal, stem, fruit, vegetable, bulb, seed, temperature, water, light, healthy, germination, reproduction, nutrients, soil, pollination |  **Materials**Questioning – ask about everyday materials. What is the same/what is different?Sorting and classifying – sort materials into categories according to physical properties.Observe and record – what material is best for …Collect data - how often is plastic used How often is metal used etc – tally chartObtain and present evidence – bar chartEvaluate – most common material.**Vocab:****Working scientifically/****Transferrable words: suitable/unsuitable question, answer, classify, discuss, observe, identify, purpose, feature, group, sort, collect, test, experiment, discover, data, common, diagram, chart, map, compare, contrast, describe Topic specific:** Wood, plastic, glass, metal, water, rock, hard, stretchy, soft, stiff, shiny, dull, rough, smooth, bendy, not bendy, waterproof, not waterproof, absorbent, not absorbent, brick paper, elastic ,foilpaper, cardboard, squashing, bending, twisting, stretching,,  | **Uses of everyday materials**QuestioningSorting and classifyingObserve and record – compare uses of everyday materials.Collect data – Test for waterproof materialsTest how shapes of solid objects are changed by squashing, bending, twisting and stretching.Obtain and present evidence – bar charts of findings.Evaluate - what material is most used and why. Which material is waterproof.**Vocab:****Working scientifically/****Transferrable words: suitable/unsuitable question, answer, classify, discuss, observe, identify, purpose, feature, group, sort, collect, test, experiment, discover, data, common, diagram, chart, map, compare, contrast, describe****Topic specific:**Wood, plastic, glass, metal, water, rock, hard, stretchy, soft, stiff, shiny, dull, rough, smooth, bendy, not bendy, waterproof, not waterproof, absorbent, not absorbent, brick paper, elastic ,foilpaper, cardboard, squashing, bending, twisting, stretching | **Humans**Questioning - What do humans need to keep healthy. Why do we need to exercise?Good hygiene and why.Sorting and classifyingObserve and record – identify ,name and draw the basic parts of the human body and say which is associated with each sense.Collect data – photographs of themselves as they have grown.Obtain and present evidence Timelines of human growth from baby to adult.– construct simple food chains.Evaluate- **Vocab:****Working scientifically/****Transferrable words: suitable/unsuitable question, answer, classify, discuss, observe, identify, purpose, feature, group, sort, collect, test, experiment, discover, data, common, diagram, chart, map, compare, contrast, describe** **Topic specific:**Senses, tongue, taste, nose, smell, eyes, vision. Skin, touch, ears, hearing, adult, infant, offspring | **Animals**Questioning –Animals growth and change over time – time lineWhat do animals need to survive? Basic needs for survival.Sorting and classifying animalsObserve and record – groups of animals Collect data- how animals change over time.Obtain and present evidence – Pictures of animals at different stages.construct simple food chains.Evaluate**Vocab****Working scientifically/****Transferrable words:** **suitable/unsuitable question, answer, classify, discuss, observe, identify, purpose, feature, group, sort, collect, test, experiment, discover, data, common, diagram, chart, map, compare, contrast, describe****Topic specific:**Fish, amphibians, reptiles, birds, mammals, carnivores, herbivores, omnivores, offspring, nutrition |
| **D&T** | Design, make, evaluate and technical knowledgeMake a model of something in the locality with an opening part e.g the church with a double door that opens.Cooking- soup out of vegetables grown and herbs from the garden. Making bread**Vocab :****D.T design evaluate and make transferrable words:**design, technology, materials, plan, equipment, information, test, construct, tools, label, improve, change ( modify), cut, stick, create, operate, measure, join, form, stable, unstable purpose, function, appeal, products, design criteria, generate, develop, model, communicate, template, make, evaluate.**Specific Vocab** Hinge, lever, open, close, shut, carbohydrates, fat, protein ,ingredients, taste, flavour, nutrients, balanced, healthy, unhealthy | Design, make, evaluate and technical knowledgeStructures = rain/wind turbinesTextiles = waterproof materialsDesign and make a rain catcher or wind turbine.Test a variety of materials to see if they are waterproof. **Vocab :****D.T design evaluate and make transferrable words:**design, technology, materials, plan, equipment, information, test, construct, tools, label, improve, change ( modify), cut, stick, create , operate, measure, join, form, stable, unstable purpose, function, appeal, products, design criteria, generate, develop, model, communicate, template, make, evaluate.**Specific Vocab** Hinge, lever, open, close, shut, waterproof, turbine, | Mechanisms = cup and string telephones/ flip page kinescopesElectrical and mechanical components – make a simple light circuit.Design, make, evaluate and technical knowledgeFood Technology - where food comes from ( Farm to fork)Design a healthy and varied diet for a week’s menuWhat do humans need to keep healthy? **Vocab :****D.T design evaluate and make transferrable words:**design, technology, materials, plan, equipment, information, test, construct, tools, label, improve, change ( modify), cut, stick, create, operate, measure, join, form, stable, unstable purpose, function, appeal, products, design criteria, generate, develop, model, communicate, template, make, evaluate.**Specific Vocab** Hinge, lever, open, close, shut, electric, circuit, bulb, wire, battery, carbohydrates, fat, protein ,ingredients, taste, flavour, nutrients, balanced, healthy, unhealthy |
| **Art** | **Drawing Skills:** **Locality and portraits**Pencil drawings of features in the locality ( HB – 4B)Drawings of animals/ habitats/ plants with a variety of charcoal, wax crayons, pastels, coloured pencils.Painting – colour mixing and using water colours.Mixed media drawings – e.g charcoal and water coloursSelf-portraits using a variety of media.Artist- **Brugel** - landscapes**Vocab :****Transferrable words:****sketch, line, smudge, colour, mix, tint, texture, mould, form, print, thick, thin** | **Painting and Printing:**Experimenting with media and toolsExperiment with mark making – sponge printing, printing with different materialsMixing paint – creating space with creating thin and thick paint and different colours Yr 2 – mixing using power paints.Printing textiles – linked to DT/Science – printing weather symbols on squares of fabric.Artist - Link to history - **William Caxton** (printing – study linked to history)**Vocab :****Transferrable words:****sketch, line, smudge, colour, mix, tint, texture, mould, form, print, thick, thin** | **Sculpture:**Clay tiles ( link to bugs and minibeasts)Visit from local clay artistArt’s Week – mod roc sculptures of animals – link to scienceArtist – Jeff Koons**Vocab :****Transferrable words:****sketch, line, smudge, colour, mix, tint, texture, mould, form, print, thick, thin** |
| **Computing** | Year 1 and 2: 1. ESafety
2. Digital Literacy

**Vocab:** **Transferrable words:****safe, on, off, use, save, print,** **Specific Vocab:****password, username, log on, log off, programme, type, powerpoint** | Year 1: 1. E.safety, coding ( scratch Jnr)
2. Coding, digital literacy ( using a computer)

Year 2:1. e.safety, coding with Beebots
2. Digital literacy (bug hunters)

**Vocab:** **Transferrable words:****safe, on, off, use, save, print,** **Specific Vocab:****password, username, log on, log off, programme, type, powerpoint** | Year 1:1. ESafety, digital literacy – potty painters
2. Coding Scratch Jnr

Year 2:1. e.saftey, coding scratch Jnr
2. Coding scratch Jnr, digital literacy using a computer

**Vocab:** **Transferrable words:****safe, on, off, use, save, print,** **Specific Vocab:****password, username, log on, log off, programme, type, powerpoint** |
| **History** | Changes in Living Memory ( year start):* Who am I and where do I live. How have I changed. Timeline of my development/life.
* Changes in the locality that I can remember – grandparents visit and how life has changed for them.
* Significant people and places in the locality – Sir Walter Raleigh ( potatoes link to plants) Walter Raleigh statue/ Hayes Barton/ history of Drake’s school/church/memorial

**Vocab:****Transferrable words:**past, present, future, change, memory, remember, order, before, after, long ago, recent, today, yesterday, tomorrow, old, modern, same, different**Specific vocab:**Timeline, statue, history | Lives of significant historical figures:Study/factfiles on:Charles Macintosh ( waterproof fabric)James Blyth ( wind turbines)William Caxton printing Timelines of inventions**Vocab:****Transferrable words:**past, present, future, change, memory, remember, order, before, after, long ago, recent, today, yesterday, tomorrow, old, modern, same, different**Specific vocab**Timeline, history, famous, inventors, scientists | Events beyond living memory:Study/fact files on :Bell/ Eddison – telephone/film/ kinescope ( famous people)TimelinesSignificant historical events :Olympics – link to famous achievers**Vocab:** **Transferrable words:**past, present, future, change, memory, remember, order, before, after, long ago, recent, today, yesterday, tomorrow, old, modern, same, different **Specific vocab**Timeline, history, historical, famous |
| **Geography** | * **Weather Patterns 1 seasons**
* **The UK**
* **Locational knowledge, skills and vocabulary**
* **Study of a small area of the Uk ( East Budleigh) and of a contrasting non European country ( A village in The Gambia)**

**Vocab:** **Transferrable words:**weather, wind, rain, sun, temperature, direction, symbol, location, area**Specific Vocab:**UK, world , locality, country, town, city, village, road, beach, cliff, coast, river, soil, season, factory, farm, port, harbour, shop, north, south, east, west, compass,  | * Weather Patterns 2 – keeping a record, measuring rainfall and temperature.
* Oceans and continents

**Vocab:** **Transferrable words:**weather, wind, rain, sun, temperature, direction, symbol, location, area**Specific Vocab:**UK, world , locality, country, town, city, village, road, beach, cliff, coast, river, soil, season, factory, farm, port, harbour, shop, north, south, east, west, compass, Ocean, continent | * Weather Patterns 3 – seasons and collecting data/comparisons.

**Vocab:** **Transferrable words:**weather, wind, rain, sun, temperature, direction, symbol, location, area**Specific Vocab:** UK, world , locality, country, town, city, village, road, beach, cliff, coast, river, soil, season, factory, farm, port, harbour, shop, north, south, east, west, compass, ocean, continentSeason, spring, Summer, Autumn, Winter, Year, month, week ,day |
| **Music** | SingingPlaying -tuned and untuned instrumentsImprovising and composing – using percussionNotation - picturesListening- different styles of music from around the world ( inc African drumming)**Vocab:** **Transferrable words:**beat loud quiet fast slow high low listen play **Specific Vocab**Song, instrument, compose notation, flute, trumpet, drum, guitar, piano, violin, xylophone, cabasa, rainstick, maraca, castanet, recorder, scraper, hand chime,  | SingingPlaying -tuned and untuned instrumentsImprovising and composing – using materials/ objectsNotation - patternsListening – materials and their sounds **Vocab:** **Transferrable words:**beat loud quiet fast slow high low listen play **Specific Vocab**Song, instrument, compose notation, flute, trumpet, drum, guitar, piano, violin, xylophone, cabasa, rainstick, maraca, castanet, recorder, scraper, hand chime, | SingingPlaying -tuned and untuned instruments ( ins pack)Improvising and composing – tuned instrumentsNotation - symbolsListening – weather sounds/ animal soundsHistory –famous composers timeline;Vivaldi’s four seasonsThe Carnival of the Animals – Saint Saens **Vocab:** **Transferrable words:**beat loud quiet fast slow high low listen play **Specific Vocab**Song, instrument, compose notation, flute, trumpet, drum, guitar, piano, violin, xylophone, cabasa, rainstick, maraca, castanet, recorder, scraper, hand chime, |
| **PE** | AthleticsDance**Vocab:**Run, jump, throw, catch, balance, attack, defend, | GymAthletics**Vocab:**Run, jump, throw, catch, balance, attack, defend, | AthleticsGames**Vocab:**Run, jump, throw, catch, balance, attack, defend, |
| **RE**Devon and Torbay RE Syllabus  | Creation – Who made the world?What does it mean to belong to a faith community?**Vocab:** **Transferrable words:**believe, celebration, belong, symbol, artefact, care, peace, community, reflect**Specific Vocab**Jesus, God, church, father, spirit, creation, priest, parable, prayer, worship, faith, forgive, Saviour, Christian, blessing,  | God – what do Christians believe God is like?Who is Jewish and how do they live? Part one**Vocab:** **Transferrable words:**believe, celebration, belong, symbol, artefact, care, peace, community, reflect**Specific Vocab**Jesus, God, church, father, spirit, creation, priest, parable prayer, worship, baptism, Jewish, Judasim, Torah, repent, forgive, Saviour, Christian, blessing, | Who is Jewish and how do they live? Part TwoHow should we care for the world and for others and why does it matter?**Vocab:** **Transferrable words:**believe, celebration, belong, symbol, artefact, care, peace, community, reflect**Specific Vocab**Jesus, God, church, father, spirit, creation, priest, parable, prayer, worship, baptism, Jewish, Judasim, Torah, repent, forgive, Saviour, Christian, blessing, |
| Jigsaw (PSHE) **Vocab identified on weekly planning** | Being me in my world | Celebrating difference | Dreams and goals | Healthy Me | Relationships | Changing me |
| **Visits and trips** | Walks in the locality – village and river walk | Escot visit – living things and their habitats/plants | Whizz Bang Pop Science – visit to school |  | Warburtons cooking – visit to school | Chris the animal man – visit to school |