



Learning objectives and skills


Advent		Lent		Pentecost	
Our Changing World/ Growing up	Take Care	Materials: good choices	Materials shaping up	Our Changing World /What is in your habitat	Our Changing World / The apprentice gardener
<p>OCW</p> <p>1: What lives in a habitat?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to question Gathering and recording data to help in answering questions <p>2: How does a habitat change through the year?</p> <ul style="list-style-type: none"> Gathering and recording data to help in answering questions <p>4: How do animals change?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions. <p>Growing up</p> <p>1: What do babies need?</p> <ul style="list-style-type: none"> Identifying and classifying. <p>2: How have we changed?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions <p>3: How do we change throughout our lives?</p> <ul style="list-style-type: none"> Gathering and recording data to help in answering questions. <p>4: Do older children have bigger heads?</p> <ul style="list-style-type: none"> Gathering and recording data to help in answering questions. 	<p>1: How can we sort this food?</p> <ul style="list-style-type: none"> Identifying and classifying. <p>2: What food should we eat?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions. <p>3: How can we stay fit?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions. <p>4: How can we stay clean?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions. 	<p>1: Can you describe the object?</p> <ul style="list-style-type: none"> Identifying and classifying. <p>2: What material is it made of?</p> <ul style="list-style-type: none"> Identifying and classifying. <p>3: Is that a good choice of material?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions. <p>4: Which materials are good for a toddler's play dungarees?</p> <ul style="list-style-type: none"> Performing simple tests. <p>5: What fabric will make a bedroom dark?</p> <ul style="list-style-type: none"> Observing closely, using simple equipment. Using their observations and ideas to suggest answers to questions. Gathering and recording data to help in answering questions. <p>6: What shall we use to make a teabag?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions. <p>7: Which is the bounciest ball?</p> <ul style="list-style-type: none"> Performing simple tests. <p>8: What can you invent?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions. 	<p>1: How can I make different shapes?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions. <p>2: How can I change the shape of an object?</p> <ul style="list-style-type: none"> Gathering and recording data to help in answering questions. <p>3: What property allows a material to be changed?</p> <ul style="list-style-type: none"> Performing simple tests. <p>4: Which material should I choose?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions. <p>5: Which elastic should I choose for my catapult?</p> <ul style="list-style-type: none"> Observing closely, using simple equipment. <p>6: What shall we use to make a catapult?</p>	<p>OCW</p> <p>3: How do the animals in a habitat depend on each other?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions. <p>What is in your habitat?</p> <p>1: What is in your habitat?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions. <p>2: What do different animals eat in their habitats?</p> <ul style="list-style-type: none"> Gathering and recording data to help in answering questions. <p>3: Where can I live?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions. 	<p>OCW</p> <p>5: What shall we plant for our soup?</p> <p>6: How do plants grow and change over time?</p> <ul style="list-style-type: none"> Observing closely, using simple equipment. <p>7: How will we make our soup?</p> <ul style="list-style-type: none"> Observing closely, using simple equipment. <p>The apprentice gardener</p> <p>1: What will the seeds grow into?</p> <ul style="list-style-type: none"> Observing closely, using simple equipment <p>2: What do gardeners need to know?</p> <ul style="list-style-type: none"> Asking simple questions and recognising that can be answered in different ways. <p>3: How should we plant the seeds?</p> <ul style="list-style-type: none"> Performing simple tests. <p>4: What is happening to our seeds?</p> <ul style="list-style-type: none"> Gathering and recording data to help in answering questions. <p>5: How tall will they grow?</p> <ul style="list-style-type: none"> Gathering and recording data to help in answering questions. <p>6: How can we care for our plants?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions. <p>7: What happens when a seed germinates?</p> <ul style="list-style-type: none"> Observing closely, using simple equipment. <p>8: Does it matter how we plant the seeds?</p> <ul style="list-style-type: none"> Gathering and recording data to help in answering questions. <p>9: How expert are we?</p> <ul style="list-style-type: none"> Using their observations and ideas to suggest answers to questions. <p>10: What do plants need to grow and be healthy?</p> <ul style="list-style-type: none"> Gathering and recording data to help in answering questions.

#BTK and Links with other subjects

RSHE- Changes in our bodies and abilities as we grow ICT- we are zoologists	RSHE- How to look after ourselves Pe-importance of exercise for a healthy life DT- making pizzas- healthy diets	History – Fire of London (materials of houses) DT-making vehicles and puppets	DT – Making catapults in forest school	ICT - we are zoologists	DT – Make and taste soup as a class
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Key Vocabulary

<p>baby, need, want, living, alive, essential, food, milk, water, drink, eat, air, breathe, shelter, warmth, survival, depend, child, toddler, compare, change, differences, dependent, independent, move, care, learn, appearance, annotate, life cycle, life story, stages, order, pregnancy, birth, teenager, adult, parent, elderly person, grow, measure, compare, table, scatter graph, plot, pattern, evidence, observation, question, record</p> <p><u>OCW</u> egg, offspring, baby, adult, grow, change, habitat, food chain, tally chart, pattern, chick, calf, cub, kid and other baby animal terms, seeds, bulbs, plant, root, stem, leaf, fruit, shoot(s), bud, flower, soil, compost, manure, dig, prepare, water, watering, vegetable, herbs, names of vegetables and herbs, wash, clean, peel, cut, chop, blend, smooth, puree, heat, boil, simmer, fry</p>	<p>food, sort, classify, Venn diagram, Carroll diagram, healthy diet, dairy, fruits, vegetables, meat, fish, beans, fat, sugar, bread, potatoes, cereals, exercise, physical activity, hot, sweaty, heart beating, pulse, tired, aching, muscles, clean, hygiene, hygienic, wash, bath, shower, brush, comb, toothbrush, toothpaste, soap, water, shampoo</p>	<p>material, wood, property, metal, plastic, glass, rock, brick, paper, cardboard, fabric, smooth, rough, soft, hard, bendy, squashy, stiff, rigid, shiny, dull, see through, cold, warm, breaks, fold, crease, waterproof, absorb, absorbent, wet, sunglasses, lenses, light, block, transparent, opaque, translucent, strength, strong, weak, tear, teabag, tea leaves, chair, legs, arms, seat, backrest, cushion, tent, stretchy, tent cover, frame, flexible, measure, record</p>	<p>twist, squash, bend, stretch, squashing, bending, twisting, stretching, push, pull, pushing, pulling, roll, pinch, press, smooth, flexible, rigid, stretchy, squashy, elastic, stiff, properties, suitable, stretchiness, weight, catapult, frame, missile, strong, table, column, Venn diagram, set, sort, label, measure, record, bar chart</p>	<p>habitat, alive, living, once-lived, dead, never-lived, plants, animals, decay, rocks, soil, air, water, food chain, plants, animals, herbivores (eat plants and parts of plants), carnivores (eat other animals), omnivores (eat plants/parts of plants and other animals), direction, source of food, suited, habitat, features, names of habitats, living things and animal body parts</p> <p><u>OCW</u> egg, offspring, baby, adult, grow, change, habitat, food chain, tally chart, pattern, chick, calf, cub, kid and other baby animal terms, seeds, bulbs, plant, root, stem, leaf, fruit, shoot(s), bud, flower, soil, compost, manure, dig, prepare, water, watering, vegetable, herbs, names of vegetables and herbs, wash, clean, peel, cut, chop, blend, smooth, puree, heat, boil, simmer, fry</p>	<p>seeds, plant (verb and noun), apprentice, gardener, bulb, grow, observe, observations, describe, identify, expert, question, predict, prediction, water, compare, answer, investigate, bean, soil, surface, test, bury, light, dark, water, germinate, fair, same, plan, suitable, radicle, root, shoot, leaves, change, evidence, height, tallest, shortest, bar chart, scale, pattern, question, connection, measure, seedling, mature plant, wilting, healthy, unhealthy, warmth, care, die, block, agree, disagree, alive, food store, first, next, later, after...days, order, conclusion, because</p> <p><u>OCW</u> egg, offspring, baby, adult, grow, change, habitat, food chain, tally chart, pattern, chick, calf, cub, kid and other baby animal terms, seeds, bulbs, plant, root, stem, leaf, fruit, shoot(s), bud, flower, soil, compost, manure, dig, prepare, water, watering, vegetable, herbs, names of vegetables and herbs, wash, clean, peel, cut, chop, blend, smooth, puree, heat, boil, simmer, fry</p>
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	<h2>Working scientifically statements.</h2>
Planning	<ul style="list-style-type: none"> Asking simple questions and recognising that can be answered in different ways.
Observing	<ul style="list-style-type: none"> Observing closely, using simple equipment. Performing simple tests. Identifying and classifying.
Recording	<ul style="list-style-type: none"> Gathering and recording data to help in answering questions.



Working scientifically statements.

Concluding

- Using their observations and ideas to suggest answers to questions.

Evaluating