

• Year 1: Seasons and weather

| | Science | | | | | |
|---|--|---|---|---|-----------------------------|--|
| National Curricu | lum (Knowledge and Skills | s): Pupils should be | taught to: | | | |
| National Curriculum (Knowledge and Skills): Pupils should be Year 1 observe changes across the four seasons observe and describe weather associated with the seasons and how day length varies observe closely, using simple equipment perform simple tests gather and record data to help in answering questions use their observations and ideas to suggest answers to questions | | | e taught to: Year 2 observe closely, using simple equipment perform simple tests use their observations and ideas to suggest answers to questions | | | |
| Year 1 and 2 inve Prior Learning Forever Firs child already be able to Children relation things. T | on: Weather investigation: stigation: Fizzy bottle rock ren working at ARE in Yea | ets <u>https://www.rig</u> ar 1 should nd differences in Is and living s of their own | b.org/docs/fizzybott Forever Firs childre already be able to: | erockets infosheet v | | |
| observat | ry from one another. They cions of animals and plants ings occur, and talk about (/) | and explain why changes. (ELG | | | | |
| | Tier 1 | | ocabulary Tier 2 Tier 3 | | | |
| Year 1 Hot Cold Weather Sun Rain Night Day Snow Wind Cloud rocket | Year 2 Rocket | Year 1 Observe change season sunrise sunset question answer observe gather record predict test experiment fuel rocket gas propel | Year 2 Question Answer Observe Test Experiment Fuel Rocket Gas Propel Predict | Year 1 Autumn Spring Summer Winter Chemical reaction | Year 2 Chemical reaction | |

| Science Assessment | | | | | |
|----------------------------|---------------------------------|-------------------------|----------------------------|--|--|
| Children working below ARE | Children working towards ARE | Children working at ARE | Children working above ARE | | |
| | S F | | S | | |

| | | Geogr | aphy | | |
|---|--|--|---|---|---|
| name and loca use world ma and oceans st identify seaso relation to the | n: Pupils should be taught ate the world's seven cont ps, atlases and globes to id udied at this key stage nal and daily weather patt e Equator and the North a | about: tinents and five oc dentify the United terns in the United | eans Kingdom and its cour | | |
| • What does | y: the Earth look like from s | space? Using globe | es and atlases to mee | t the objectives above | 2. |
| Age Related Subject | t Skills (Progression Guida | ance): | | | |
| Year 1 | | | Year 2 | | |
| • Use relative like, dislike | le picture map to move ar e vocabulary such as bigg onal <mark>language su</mark> ch <mark>as n</mark> ec | er, smaller, | • Use simple West) | ute on a map compass directions (N photographs and plan | |
| <u>Map knowledge</u> • Use world i the w <mark>orld.</mark> | left and right, forwards an maps to identify the UK in to locate the four countrie | its position in | features <u>Map knowledge</u> • Locate and | andmarks and basic h name on a world map nents and five oceans | o and globe the |
| cities of UK and its surrounding seas Draw basic maps, including appropriate symbols and pictures to represent places or features Use photographs and maps to identify features Locate on a globe and world map the hot and cold areas of the world including the Equator and the North and South Poles Draw or make a map of real or imaginary places (e.g. add detail to a sketch map from aerial | | | | o the hot and cold Equator and the naginary places | |
| photograph) Use and construct basic symbols in a key | | | | | |
| Maths; SSM ELG Use everyd quantities a Recognise, mathemati UTW; The World ELG Know abou Talk about Make obse Forever Firs childrer | n in Year 1 working at ARE lay language to talk about and objects and to solve p create and describe patte ical language to describe t G ut similarities and differen the features of their own rivations of animals and p n in Year 2 working at ARE Progression statements a | size, weight, capa problems. erns. They explore them. ces in relation to p immediate enviro lants and explain v should already be <i>bove.</i> | acity, position, distan characteristics of eve places, objects, mater onment and how envi why some things occu e able to: | eryday objects and sh rials and living things. ronments might vary | apes and use from one another. |
| Key Vocabulary | | | | | |
| | ier 1 | | er 2 | | er 3 |
| Near Far Up Down Wet Rain | Sun Windy Snow Cold Hot | Left Right World Seas Oceans | Season Seasonal Daily Weather | United Kingdom Countries Continents Europe North/South America Antarctica | Autumn Summer Winter Spring Equator North and South Poles |
| | | | | Australia Africa Asia | North South Map Atlas |

Atlas Globe

| Geography Assessment | | | | | |
|----------------------------|---------------------------------|-------------------------|----------------------------|--|--|
| Children working below ARE | Children working towards ARE | Children working at ARE | Children working above ARE | | |
| | F ir | | | | |

| | Design and | l Technology | | | |
|---|--|---|---|--|--|
| select from and use a rafinishing] generate, develop, mod where appropriate, in select from and use a ward | nould be taught to: nisms [wheels and axles], in the ange of tools and equipment to del and communicate their ideas formation and communication t | ir products perform practical tasks [e.g. cutti s through talking, drawing, templa | ites, mock-ups and, | | |
| Curriculum Intentions (Key Kn | owledge and Skills to be learne w to make a moving vehicle inco | - | | | |
| | | Ils (Progression Guidance): | | | |
| Design | | Evaluate | | | |
| State the purpose of the durin user Explore materials, make the e.g. moving picture / lighth Generate own ideas for deexperiences or from readin Make Select from a range of tool explaining their choices Select from a range of material according to their characte Follow procedures for safe Use and make own templa Measure, mark out, cut our components Assemble, join and combin components Use simple find temporary – paper clips, ta staples Use finishing techniques, in | emplates and mock ups nouse sign by drawing on own ng is and equipment cerials and components eristics ety it and shape materials and he materials and king materials e.g. | Talk about their design ideas Make simple judgements abo against design criteria | out their products and ideas could be improved Evaluating sed are, who they are for, how terials are used e working characteristics of ment of simple , sliders (Year 1) wheels ients should be combined haracteristics ocabulary for the projects ig structures can be made | | |
| design | ildren werking at ADC abould a | lucedy be able to: | | | |
| Prior Learning - Forever Firs ch Physical Development | ildren working at ARE should a | Expressive Arts and Design | | | |
| (40-60 months) Use simple tools to effect a Handle tools, objects, consimaterials with safety and i Show understanding of ho equipment safely (ELG) Handle tools and equipment | struction and malleable increasing control w to transport and store | create new effects Manipulate materials to ach Construct with a purpose in resources Use simple tools and technic appropriately Select appropriate resource necessary | a mind, using a variety of iques competently and es and adapts work where needed to shape, assemble joining riety of materials, tools ting with colour, | | |
| | Key Vo | | | | |
| Tier 1 | Key Vocabulary Tier 1 Tier 2 | | | | |
| Fast Slow Faster | measure saw join | wood card plastic | Axels Elastic band | | |

| Slower | design | characteristics | |
|----------|-----------|-----------------|--|
| Cut | materials | evaluate | |
| Glue | | | |
| Wheels | | | |
| Scissors | | | |
| tape | | | |
| | | | |
| | | | |
| | | | |

Firs Primary - School -

| Children working below ARE Children working towards ARE Children working at ARE Children working above ARE Image: Children working towards ARE Image: Children working at ARE Children working at ARE Children working at ARE Image: Children working towards Image: Children working at ARE Image: Children working at ARE Children working at ARE Image: Children working towards Image: Children working towards Image: Children working at ARE Image: Children working at ARE Image: Children working towards Image: Children working towards Image: Children working at ARE Image: Children working at ARE Image: Children working towards Image: Children working towards Image: Children working at ARE Image: Children working at ARE Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working | Design and Technology Assessment | | | | | |
|--|----------------------------------|--------------------------|---|-----------|--|--|
| Firs Primary | Children working below ARE | Children working towards | | _ | | |
| - School - | P | | h | above ARE | | |

| Computing | | | | | |
|--|--|--------------------------|---|--------------------------|--------------------------|
| National Curriculu | m: | | | | |
| execute by fol | - | nambiguous instruct | ented as programs o ions § create and de | - | |
| Computing Strand | : Programming | | | | |
| Topic Links: To us | e a programmable ro | bot to follow instru | ctions | | |
| Age Related Subje | ct Skills (Progression | Guidance - DDAT): | | | |
| | | | eBot to navigate incr | | ites and are able to |
| - | | | the intended destina | | l ave able to debug |
| | | oes not reach the int | ot or Kodable to con ended destination | npiele a set lask and | a are able to debug |
| | | | navigate increasingl | v complex routes. an | d are able to |
| • | | | the intended destina | • | |
| | | | tage 1 | | |
| • Explore a range | e of control toys and | - | | everyday devices ca | n be controlled |
| | nes when individual | | | robot using appropr | |
| pressed o <mark>n a ro</mark> | | | | l estimate distances | |
| Follow instruct | ions to move around | a course | Create a seque | nce of instructions to | o control a |
| | instructions to move | e their peers | | robot to carry out a | - |
| around a cours | | | route to includ | e direction, distance | and turn |
| | ces of controlling oth | | • | | |
| | g devices, music pla oment and digital ca | | | | |
| Other Key Areas of | | | | | |
| - | - | such as toys that make | e noises, move or are r | emote controllable. U | nderstand that this |
| links to compute | er programming. | | | | |
| Give each other direction. | clear instructions to th | eir partner to move ar | ound a maze/grid. Llin | k their vocabulary to m | naths position and |
| | ons to move around a g | rid by using their knov | vledge of mathematica | l vocabulary. | |
| | | he buttons tell the cor | | , | |
| | | lve technology and co | ntrol such as a microw | ave, laptop etc. They w | vill start to talk about |
| | d to be controllable. | hat they gave their no | ers. Begin to recognise | similarities with giving | , instructions and |
| Use a beebot to pressing buttons | | inat they gave their pe | ers. Begin to recognise | | |
| Prior Learning | | | | | |
| Forever Firs children working at ARE should already be able to: | | | | | |
| (40-60 Months) | | | | | |
| Complete a simple program on a computer. | | | | | |
| Uses ICT hardware to interact with age-appropriate computer software. (Early Learning Goal) | | | | | |
| Recognise that a range of technology is used in places such as homes and schools. | | | | | |
| Select and use technology for particular purposes. | | | | | |
| Key Vocabulary | | | | | |
| Tier 1 Tier 2 Tier 3 | | | | | |
| Turn | Shape Steps | Programme Instruction | Devices Right-angled | Sequence | |
| Move Forwards | Stop | Direction | Beginning | | |
| Backwards | Start | Plan | End | | |
| Left | | | | | |
| Right | | | | | |

| Computing Assessment | | | | | |
|----------------------------|--------------------------|-------------------------|----------------------------|--|--|
| Children working below ARE | Children working towards | Children working at ARE | Children working above ARE | | |
| | ARE | | | | |