

CurriculumPRO

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Me and My Community

☐ Hide

6 Programmes of study, 10 skills and 9 knowledge statements

Nursery

Driver subject

Personal, social and emotional development

Creation

Data & thinking

Diversity

Environment

Fieldwork

Reception

Human features & landmarks

Physical development



R Create simple programs.

Skill

Core knowledge

- Technological toys need instructions to achieve an outcome.

R Use technology to record their work and ideas.

Skill

N R Talk about the lives of the people around them and their roles in society.

Skill

Core knowledge

- There are people in our community who help us including doctors, nurses, the police and fire service.

Skill

Core knowledge

- There are people in our community who help us including doctors, nurses, teachers, the police and fire service.

R Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.

Skill

Core knowledge

- Maps and plans are pictures or drawings of a place or journey.

Skill

Core knowledge

- The adults who work at school have different jobs.

N R Discuss simple changes as they have grown from being a baby.

Skill

Skill

Core knowledge

- Change happens to everyone and we change as we grow.

N R Know ways to care for their local environment.

Skill

Core knowledge

- We should care for the environment. For example, rubbish needs to be put in the bin.

Skill

Core knowledge

- Litter has a harmful effect on the areas where we live, work and play.

Exploring Autumn

☐ Hide

4 Programmes of study, 7 skills and 10 knowledge statements

Nursery

Reception

Driver subject

Understanding the world

Environment

Forces

Habitats

Identify & classify

Living things

Observation

Parts and functions



N R Explore the natural world around them, making observations and drawing pictures of animals and plants.

Skill

Core knowledge

- All animals have special features such as whiskers, paws, beaks, tails and wings.

Core knowledge

- There are lots of different animals. Some animals such as rabbits, badgers and foxes live in a woodland.

Skill

Core knowledge

- Some leaves change colour in autumn and fall from the trees.

Skill

Core knowledge

- The weather and some plants and trees change with the seasons. In autumn, the weather starts to turn colder and some leaves change colour and fall from the trees.

Skill

Core knowledge

- Animals live in different habitats. Animals such as rabbits, badgers and foxes live in a woodland habitat.

Core knowledge

- All animals have special features or ways of behaving that help them to survive.

- R** ∨ Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

Skill

Core knowledge

- Living things change over time. In autumn some leaves change colour and fall from the trees.

Core knowledge

- The weather and some plants and trees change with the seasons.
- In autumn, the weather starts to turn colder and some leaves change colour and fall from the trees.

- R** ∨ Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.

Skill

- R** ∨ Know ways to care for their local environment.

Skill

Core knowledge

- Litter has a harmful effect on the areas where we live, work and play.

Let's Explore

☒ Hide

8 Programmes of study, 14 skills and 13 knowledge statements

Nursery

Driver subject

Understanding the world

Communication

Data & thinking

Fieldwork

Geographical change

Habitats

Human features & landmarks

Reception

Location

Maps

Observation

Phenomena

Significant people

Significant places

World



- R** ∨ Create simple programs.

Skill

Core knowledge

- A route is a journey from one place to another.

- N** ∨ Find out about and use a range of everyday technology.

Skill

Core knowledge

- Digital technology is used at home and at school for communicating with others.

- R** ∨ Understand the past through settings, characters and events encountered in books read in class and storytelling.

Skill

Core knowledge

- An explorer is a person who travels somewhere new or unfamiliar.

- N** **R** ∨ Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.

Skill

Core knowledge

- Our local area has different features such as houses, roads, shops and parks.

Core knowledge

- There are lots of different buildings where we live.

Skill

Core knowledge

- The world has lots of different places.

Skill

Core knowledge

- Features including fields, woodlands, roads and shops in the local area change over time.

Skill

Core knowledge

- The adults who work at school have different jobs.

Core knowledge

- A map is a drawing of an area it shows features, including roads, rivers, woods, parks and buildings.

Skill

Skill

Core knowledge

- A map is a picture or drawing of a place or journey.

- R** ∨ Explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and – when appropriate – maps.

Skill

Core knowledge

- The weather, environment and living things are different in different places around the world.
- People live in and visit lots of different places around the world.

Skill

Core knowledge

- The weather, environment and living things are different in different places around the world.

- R** ∨ Explore the natural world around them, making observations and drawing pictures of animals and plants.

Skill

Core knowledge

- Materials have different textures they can feel soft, hard, rough, smooth, wet, sticky or dry.

- R** ∨ Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

Skill

Core knowledge

- Different animals live in different places.

R ∨ Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.

Skill

Build It Up

☐ Hide

2 Programmes of study, 3 skills and 3 knowledge statements

Nursery

Reception

Driver subject

Understanding the world

Identify & classify

Measurement

Physical things



R ∨ Make observations about the world around them.

Skill

R ∨ Sort and group materials and resources and talk about how they are similar or different.

Skill

Core knowledge

- Buildings are made from different materials, including brick, wood, glass, wood, plastic and metal. Materials have special properties, which make them useful for different jobs.

Skill

Once Upon a Time

☐ Hide

5 Programmes of study, 7 skills and 6 knowledge statements

Nursery

Driver subject

Literacy

Changes over time

Hierarchy and power

Living things

Observation

Physical things

Properties and uses

Reception

Report and conclude



R ∨ Know some similarities and differences between things in the past and now, drawing on their experiences and what has been read in class.

Skill

Core knowledge

- Fairy tales show the clothes that people used to wear a long time ago.

N **R** ∨ Understand the past through settings, characters and events encountered in books read in class and storytelling.

Skill

Core knowledge

- Kings and queens are rulers of a country.

Skill

Core knowledge

- Kings and queens are rulers of a country.

R ∨ Explore the natural world around them, making observations and drawing pictures of animals and plants.

Skill

R ∨ Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

Skill

R ∨ Sort and group materials and resources and talk about how they are similar or different.

Skill

Core knowledge

- Materials can feel soft, smooth, rough, squashy thick and thin.
- Objects can be grouped according to how they feel.

Skill

Sparkle and Shine

☐ Hide

3 Programmes of study, 4 skills and 7 knowledge statements

Nursery

Reception

Driver subject

Personal, social and emotional development

Identify & classify

Origins of food

Place in the world



N **R** ∨ Know some similarities and differences between different religious and cultural communities in this country, drawing on their experiences and what has been read in class.

Skill

Core knowledge

- Divas are little lamps used to celebrate Diwali.

Skill

Core knowledge

- Lights are used in lots of celebrations in autumn and winter.

Core knowledge

- Christmas is celebrated in different ways around the world.

Core knowledge

- Diwali and Hanukkah are celebrations.
- N** ∨ **Make observations about the world around them.**
 - Skill**
 - Core knowledge**
 - A recipe is a set of instructions that tells us how to make food.
- R** ∨ **Sort and group materials and resources and talk about how they are similar or different.**
 - Skill**
 - Core knowledge**
 - Shiny materials reflect light.

Marvellous Machines

☐ Hide

9 Programmes of study, 13 skills and 13 knowledge statements

Nursery **Reception** **Driver subject** **Understanding the world** **Changes over time** **Communication** **Compare and contrast** **Creation** **Data & thinking** **Diversity** **Modelling** **Properties and uses** **Real world** **Report and conclude** **Staying safe**



- R** ∨ **Create simple programs.**
 - Skill**
 - Core knowledge**
 - Floor robots will only move in the direction they are programmed to go in.
- R** ∨ **Find out about and use a range of everyday technology.**
 - Skill**
 - Core knowledge**
 - Digital technology is used in all parts of everyday life. Some technology is used to communicate with others.
 - Skill**
 - Core knowledge**
 - Digital technology is used in all parts of everyday life. Examples include smartphones, tablets, microwaves and washing machines.
- N** **R** > Use technology to record their work and ideas.
- R** ∨ **Use technology safely and respectfully with support from adults.**
 - Skill**
 - Core knowledge**
 - It is essential to tell an adult if they accidentally see something online that upsets, scares or worries them.
- R** ∨ **Talk about the lives of the people around them and their roles in society.**
 - Skill**
 - Core knowledge**
 - People who work for the emergency service help us.
 - The emergency services include fire and rescue, police, RNLI and the ambulance service.
- R** ∨ **Know some similarities and differences between things in the past and now, drawing on their experiences and what has been read in class.**
 - Skill**
 - Core knowledge**
 - Vehicles have changed over time.
 - Skill**
 - Core knowledge**
 - Machines have changed over time. People have adapted them to make them work better.
- R** ∨ **Explore the natural world around them, making observations and drawing pictures of animals and plants.**
 - Skill**
- N** **R** ∨ **Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.**
 - Skill**
 - Core knowledge**
 - Machines need power to make them move or work. Some machines use batteries to make them work.
 - Skill**
 - Core knowledge**
 - Batteries power some devices, such as torches and toys.
 - A battery is a store of electric power.
- R** ∨ **Sort and group materials and resources and talk about how they are similar or different.**
 - Skill**
 - Core knowledge**
 - Some materials are magnetic, which means that they are attracted to (pull towards) a magnet.
 - Some metals are magnetic. Other materials are non-magnetic, such as wood, dough and glass.

Puppets and Pop Ups

☐ Hide

3 Programmes of study, 3 skills and 3 knowledge statements

Nursery **Reception** **Driver subject** **Expressive arts and design** **Artefacts & sources** **Creation** **Phenomena**



R Use technology to record their work and ideas.

Skill

R Know some similarities and differences between things in the past and now, drawing on their experiences and what has been read in class.

Skill

Core knowledge

- Puppets have been used to tell stories all over the world for thousands of years.

R Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.

Skill

Core knowledge

- A shadow is a dark shape on a floor or wall.
- A shadow is made when a solid object blocks light.

Starry Night

☐ Hide

7 Programmes of study, 16 skills and 21 knowledge statements

Nursery

Driver subject

Understanding the world

Data & thinking

Diversity

Forces

Habitats

Identify & classify

Modelling

Observation

Reception

Parts and functions

Phenomena

Physical things

Report and conclude

Settlements & land use



R Create simple programs.

Skill

Core knowledge

- Floor robots will only move in the direction they are programmed to go in.

N **R** Talk about the lives of the people around them and their roles in society.

Skill

Core knowledge

- There are adults in our community who work at night time to help us.

Skill

Core knowledge

- There are adults in our community who work at night time to help us including people who work for the fire service, police and ambulance service.

R Understand the past through settings, characters and events encountered in books read in class and storytelling.

Skill

Core knowledge

- People travelled to the moon in space rockets.
- Neil Armstrong visited the moon.

N **R** Explore the natural world around them, making observations and drawing pictures of animals and plants.

Skill

Core knowledge

- Some animals including owls, foxes and bats are awake at night and sleep during the day.

Skill

Core knowledge

- Bats are animals that are awake during the night and sleep during the day.

Skill

Core knowledge

- During the day there is sunlight. At night there is no sunlight so the sky is dark.

Skill

Skill

Core knowledge 2

- Nocturnal animals are awake during the night and sleep in the daytime.

Core knowledge

- Owls are nocturnal birds. They are awake during the night and sleep during the day.

Skill

Core knowledge

- Nocturnal animals including owls, foxes and bats are awake during the night and asleep during the day.

R Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.

Skill

R Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.

Skill

Core knowledge

- Shadows are made when a solid object blocks a source of light.

Skill

Skill

Core knowledge

- Dark is the absence of light.

N **R** Sort and group materials and resources and talk about how they are similar or different.

Skill

Core knowledge

- Soft materials bend easily. They are not hard or rough to touch.

Skill

Core knowledge

- Soft materials bend easily. They are not hard or rough to touch.
- Hard materials are difficult to bend break and cut.
- Smooth materials have no lumps, bumps or holes.

Winter Wonderland

☐ Hide

5 Programmes of study, 8 skills and 10 knowledge statements

Nursery

Driver subject

Understanding the world

Changes

Creation

Earth

Identify & classify

Location

Observation

Report and conclude

Reception

Survival



- R** Use technology to record their work and ideas.

Skill

- R** Explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and – when appropriate – maps.

Skill

Core knowledge

- There are places in the world where it is always cold and snowy. The animals that live there have special features that help them to live in the cold.

- N R** Explore the natural world around them, making observations and drawing pictures of animals and plants.

Skill

Core knowledge

- When water freezes it becomes ice. When ice melts it becomes water again.

Skill

Core knowledge

- There are places in the world where it is always cold and snowy.

Skill

- N R** Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

Skill

Core knowledge

- The weather is colder in winter and sometimes it snows. In winter the evenings get darker earlier.

Skill

Core knowledge

- Winter is a season, it comes after autumn. The weather is colder in winter with more snow, hail and rain.

- R** Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.

Skill

Core knowledge 2

- In winter the days are short and the nights are cold. Some birds need us to feed them during winter to help them survive.

Long Ago

☐ Hide

8 Programmes of study, 24 skills and 24 knowledge statements

Nursery

Driver subject

Understanding the world

Artefacts & sources

Changes over time

Chronology

Communication

Compare and contrast

Creation

Earth

Reception

Environment

Everyday life

Geographical change

Hierarchy and power

Identify & classify

Life changes

Local history

Pattern seeking

Physical development

Place in the world

Report and conclude

Significant events



- R** Use technology to record their work and ideas.

Skill

- N R** Know some similarities and differences between things in the past and now, drawing on their experiences and what has been read in class.

Skill

Core knowledge

- The way people lived in the past is different from the way we live today.

Skill

Core knowledge

- The past only includes things that have already taken place.

Skill

Core knowledge

- We change as we grow.

Skill

Core knowledge

- Objects from the past can look different to objects today.

Skill

Core knowledge

- Grandparents are your parents' parents.

Skill

Core knowledge

- The clothes people wore in the past are different from the clothes people wear today.

Skill

Core knowledge

- The past only includes things that have already taken place.

Core knowledge

- Memories are things we remember from the past.

Core knowledge

- All families are special and different. They are different sizes and have different family members and different life experiences.

Core knowledge

- All families are special and different. They celebrate events in different ways.

Skill

Core knowledge

- The way that people lived in the past is not the same as the way that we live now.

Skill

Skill

Core knowledge

- A timeline shows the order in which events happen.

Skill

Core knowledge 2

- Objects from the past can look different to objects today.

Core knowledge

- A museum is a place that looks after and shows objects and pictures from the past.

Core knowledge

- Everyday objects, like clothes, vehicles and toys, tell us about the past. They also change over time.

Skill

Core knowledge

- Our school has changed over time.

R ✓ Understand the past through settings, characters and events encountered in books read in class and storytelling.

Skill

Core knowledge

- In the past kings and queens made rules to decide how people should behave.

Skill

R ✓ Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.

Skill

Skill

R ✓ Know some similarities and differences between different religious and cultural communities in this country, drawing on their experiences and what has been read in class.

Skill

Core knowledge

- All families are special and different. They celebrate different events in different ways.

R ✓ Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

Skill

Core knowledge

- The weather and local environment changes with the seasons.

Skill

Core knowledge

- The weather and environment changes with the seasons.

N **R** ✓ Discuss simple changes as they have grown from being a baby.

Skill

Skill

Core knowledge

- There are things they can do now that they couldn't do when they were babies.

Skill

Core knowledge 2

- People change as they grow and have changed since they were babies, both in their appearance and what they are able to do.

R ✓ Sort and group materials and resources and talk about how they are similar or different.

Skill

Core knowledge

- Soft materials bend easily. They are not hard or rough to touch.
- Hard materials are difficult to bend break and cut.

Stories and Rhymes

☐ Hide

2 Programmes of study, 2 skills and 2 knowledge statements

Nursery Reception Driver subject Literacy Report and conclude Software



- R** Use technology to record their work and ideas.

Skill

Core knowledge

- Software is the programs we use on computers and mobile devices.

- R** Explore the natural world around them, making observations and drawing pictures of animals and plants.

Skill

Dangerous Dinosaurs

☐ Hide

6 Programmes of study, 9 skills and 9 knowledge statements

Nursery Reception Driver subject Understanding the world Data & thinking Maps Measurement Nutrition Observation Parts and functions Phenomena Report and conclude Software



- R** Create simple programs.

Skill

Core knowledge

- Technological toys need instructions to achieve an outcome.

- R** Use technology to record their work and ideas.

Skill

Core knowledge

- Software is the programs we use on computers and mobile devices.

- R** Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.

Skill

Core knowledge

- A map is a picture or drawing of a place or journey.

- N R** Explore the natural world around them, making observations and drawing pictures of animals and plants.

Skill

Core knowledge

- Living things including dinosaurs lived millions of years ago.

Skill

Skill

Core knowledge

- Some dinosaurs ate plants and some dinosaurs ate other dinosaurs.

Skill

Core knowledge

- Dinosaurs were prehistoric reptiles that lived millions of years ago.

- R** Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.

Skill

Core knowledge

- Shadows are made when a solid object blocks a source of light.

- R** Make observations about the world around them.

Skill

Puddles and Rainbows

☐ Hide

5 Programmes of study, 9 skills and 12 knowledge statements

Nursery Reception Driver subject Understanding the world Climate and weather Creation Earth Modelling Observation Phenomena Properties and uses Survival



- R** Use technology to record their work and ideas.

Skill

- R** Explore the natural world around them, making observations and drawing pictures of animals and plants.

Skill

Core knowledge

- Some materials are waterproof, meaning water cannot pass through. Other materials are not waterproof, meaning the water can pass through.

- N R** Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

Skill

Core knowledge

- The weather in spring can be rainy, windy, sunny warm or cold.

- Skill**
- Core knowledge**
 - Spring weather is changeable. It can be warm, cold, sunny, rainy and even snowy.
- Skill**
- Core knowledge**
 - Spring is a season. It comes after winter and before summer.
 - Spring weather is changeable. It can be warm, cold, sunny, rainy and even snowy.
- R** **▼ Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.**
- Skill**
- Core knowledge**
 - Plants need water, sunlight and air to grow and survive.
- Skill**
- Skill**
- Core knowledge**
 - Rain is drops of water that fall from clouds.
- N** **▼ Sort and group materials and resources and talk about how they are similar or different.**
- Skill**
- Core knowledge**
 - Waterproof materials keep us dry.

Ready Steady Grow

☒ Hide

8 Programmes of study, 16 skills and 26 knowledge statements

- Nursery** **Driver subject** **Understanding the world** **Chronology** **Compare and contrast** **Forces** **Habitats** **Identify & classify** **Maps** **Observation** **Origins of food**
Reception **Parts and functions** **Physical interactions** **Report and conclude** **Software** **Survival**



- R** **▼ Create simple programs.**
- Skill**
- Core knowledge**
 - Floor robots will only move in the direction they are programmed to go in.
- R** **▼ Use technology to record their work and ideas.**
- Skill**
- Core knowledge**
 - Software is the programs we use on computers and mobile devices.
- R** **▼ Know some similarities and differences between things in the past and now, drawing on their experiences and what has been read in class.**
- Skill**
- Core knowledge**
 - They way people lived in the past is different from how we live today.
- Skill**
- R** **▼ Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.**
- Skill**
- Core knowledge**
 - Maps are pictures or drawings of places or journeys.
- N** **R** **▼ Explore the natural world around them, making observations and drawing pictures of animals and plants.**
- Skill**
- Core knowledge**
 - Plants need water, sunlight, air and warmth to grow.
- Skill**
- Core knowledge**
 - Animal babies are known by different names than adult animals, such as cow and calf or sheep and lamb.
- Skill**
- Core knowledge**
 - Plants need water, sunlight, air and warmth to grow.
- Skill**
- Core knowledge**
 - We use our senses to explore the world.
- Core knowledge**
 - Some plants produce seeds so that they can grow new plants.
- Skill**
- Core knowledge**
 - Animal babies are known by different names than adult animals, such as cow and calf or sheep and lamb.
- Skill**
- Core knowledge**
 - Seeds need water, air and warmth to begin to grow.
- R** **▼ Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.**
- Skill**
- Core knowledge**

- A farm is an area of land and its buildings used for growing crops and rearing animals.
- N R** ▾ **Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.**
 - Skill**
 - Core knowledge**
 - Plants need water, sunlight, air and warmth to grow.
 - Skill**
 - Core knowledge**
 - Many plants grow from seeds.
 - Plants need water, sunlight, air and warmth to grow.
 - Skill**
- R** ▾ **Make observations about the world around them.**
 - Skill**
 - Core knowledge**
 - Food can be from plants such as fruit, vegetables, nuts and seeds.
 - Animals provide meat and also produce food such as milk, eggs and honey.

Signs of Spring

☐ Hide

4 Programmes of study, 9 skills and 16 knowledge statements

Nursery
Reception
Driver subject
Understanding the world
Climate and weather
Earth
Living things
Observation
Parts and functions
Phenomena
Place in the world



- R** ▾ **Know some similarities and differences between different religious and cultural communities in this country, drawing on their experiences and what has been read in class.**
 - Skill**
 - Core knowledge**
 - Easter is a springtime festival that is celebrated by Christians.
 - Core knowledge**
 - Holi is a springtime festival celebrated by Hindus. It is known as the 'festival of colours'.
- N R** ▾ **Explore the natural world around them, making observations and drawing pictures of animals and plants.**
 - Skill**
 - Core knowledge**
 - Tadpoles grow into frogs.
 - Skill**
 - Core knowledge**
 - Flowers have different parts including petals, stems and leaves.
 - Skill**
- N R** ▾ **Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.**
 - Skill**
 - Core knowledge**
 - In spring trees start to grow leaves and some trees grow flowers called blossom.
 - Skill**
 - Core knowledge** **2**
 - Spring is a season. It comes after winter and before summer.
 - Spring is a season associated with new life.
 - Core knowledge**
 - Spring is a season. It comes after winter and before summer.
 - In spring trees start to grow leaves and some trees grow blossom.
 - Skill**
 - Core knowledge**
 - Frogs lay frogspawn in ponds. Tadpoles hatch out of the frogspawn and grow into frogs.
 - Skill**
 - Core knowledge**
 - Spring weather is changeable. It can be warm, cold, sunny, rainy and even snowy.
- R** ▾ **Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.**
 - Skill**

Sunshine and Sunflowers

☐ Hide

6 Programmes of study, 14 skills and 17 knowledge statements

Nursery
Reception
Driver subject
Understanding the world
Digital searching
Habitats
Identify & classify
Living things
Maps
Observation
Parts and functions
Pattern seeking
Physical interactions
Report and conclude
Software
Survival



- R** ▾ **Create simple programs.**
 - Skill**
 - Core knowledge**
 - Floor robots will only move in the direction they are programmed to go in.

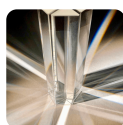
- R** ✓ Use technology to record their work and ideas.
- Skill
- Skill
- Core knowledge
- Software is the programs we use on computers and mobile devices.
- R** ✓ Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.
- Skill
- Core knowledge
- A map is a drawing of an area of land or sea. It shows features, including roads, paths, rivers, woods and buildings.
- N** **R** ✓ Explore the natural world around them, making observations and drawing pictures of animals and plants.
- Skill
- Core knowledge
- Plants need air, sunlight, warmth, water and soil to grow.
- Skill
- Core knowledge
- Parks and gardens contain lots of different plants and animals.
- Core knowledge
- We can use our senses; hearing, sight, touch, taste and smell help us to find out about the world around us.
- Skill
- Core knowledge
- Plants draw up water through their roots and it travels through the stem to the leaves and petals.
- Skill
- Core knowledge
- Living things live in different habitats.
 - Gardens are habitats for many plants, trees and animals.
- Core knowledge
- Butterflies are insects. They feed on nectar from flowers.
- Skill
- Core knowledge
- Parts of a plant include the roots, stem, leaves, flowers and petals.
- Skill
- Core knowledge
- A sunflower is a type of plant that usually has a very tall stem and a yellow flower with lots of long, thin, petals.
 - Plants need air, sunlight, warmth, water and nutrients from soil to grow.
- R** ✓ Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.
- Skill
- Core knowledge
- A female butterfly lays eggs.
 - Caterpillars hatch from a butterfly's eggs.
 - Caterpillars grow, then form a chrysalis or cocoon.
 - A butterfly emerges from a chrysalis.
- Skill
- Core knowledge
- The weather, plants and animals in the local environment, change throughout the year.
- Skill
- Core knowledge
- Living things live in different habitats.
 - Gardens are habitats for many plants, trees and animals.
- R** ✓ Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.
- Skill
- Core knowledge
- Gardeners use compost to help plants grow.

Shadows and Reflections

☒ Hide

4 Programmes of study, 7 skills and 11 knowledge statements

Nursery Reception Driver subject Understanding the world Hardware Identify & classify Maps Phenomena Physical things



- R** ✓ Use technology to record their work and ideas.
- Skill
- Core knowledge
- Smartphones, tablets, laptops, computers and floor robots are all types of computing hardware.
- R** ✓ Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.
- Skill
- N** **R** ✓ Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.
- Skill
- Core knowledge

- A shadow is a dark shape that can be seen on a floor or wall.

Skill

Skill

Core knowledge

- A shadow is a dark shape that can be seen on a floor or wall.
- Shadows are made when a solid object blocks light.

N R ▾ **Sort and group materials and resources and talk about how they are similar or different.**

Skill

Core knowledge

- Some materials are shiny and others are not shiny.
- We can see our reflections in shiny surfaces.

Skill

Core knowledge

- Some objects block light and make a shadow.
- Some objects let light through.

Animal Safari

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8 Programmes of study, 20 skills and 30 knowledge statements

Nursery

Driver subject

Understanding the world

Compare and contrast

Data analysis

Data & thinking

Digital searching

Diversity

Environment

Reception

Identify & classify

Location

Maps

Nutrition

Observation

Parts and functions

Phenomena

Survival



R ▾ **Create simple programs.**

Skill

Core knowledge

- Floor robots will only move in the direction they are programmed to go in.

R ▾ **Use technology to record their work and ideas.**

Skill

R ▾ **Talk about the lives of the people around them and their roles in society.**

Skill

Core knowledge

- A vet is an animal doctor.

Core knowledge

- Assistance dogs are trained to support people with disabilities and medical conditions in a variety of ways.

R ▾ **Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.**

Skill

Core knowledge

- There are lots of different plants and animals that live in the local environment.

Skill

Core knowledge

- Litter can be harmful to plants and animals.

Skill

N R ▾ **Know some similarities and differences between different religious and cultural communities in this country, drawing on their experiences and what has been read in class.**

Skill

Core knowledge

- The world has lots of different places.

Skill

Core knowledge

- The weather, environment and living things are different in different places around the world.

N R ▾ **Explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and – when appropriate – maps.**

Skill

Core knowledge

- The world has lots of different places.

Skill

Core knowledge

- The weather, environment and living things are different in different places around the world.

Skill

Core knowledge

- The weather, plants and animals differ in different places around the world.

N R ▾ **Explore the natural world around them, making observations and drawing pictures of animals and plants.**

Skill

Skill

Core knowledge

- Paw is the name for an animal's foot.
- Whiskers are the long hairs that grow out of an animal's face.

Core knowledge

- Birds grow feathers on their skin.

- Reptiles including crocodiles and tortoises have scaly skin.
- Skill**
- Core knowledge**
 - Animals eat different kinds of food, including other animals, plants or both animals and plants.
- Skill**
- Core knowledge**
 - Different types of animals grow to different lengths and heights.
- Skill**
- Core knowledge**
 - Not all animal babies have the same features as their parents when they are born.
- Skill**
- Core knowledge**
 - There are many different species of animals.
- Core knowledge**
 - Reptiles are animals that have dry, scaly skin and lay eggs.
 - Birds are animals that have beaks and feathers and lay eggs.
- N R** **Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.**
- Skill**
- Core knowledge**
 - There are lots of different types of animals.
 - Some animals are pets and are kept in peoples' homes.
- Core knowledge**
 - Pets need food, water, sleep, exercise and play to keep them happy and healthy.
- Skill**
- Skill**
- Core knowledge**
 - Pets need food, water, sleep, exercise and play to keep them happy and healthy.

Creep, Crawl and Wriggle

☒ Hide

5 Programmes of study, 11 skills and 14 knowledge statements

Nursery **Reception** **Driver subject** **Understanding the world** **Data & thinking** **Environment** **Habitats** **Living things** **Maps** **Observation** **Parts and functions** **Report and conclude** **Survival**



- R** **Create simple programs.**
- Skill**
- Core knowledge**
 - Technological toys need instructions to achieve an outcome.
- N R** **Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.**
- Skill**
- Skill**
- N R** **Explore the natural world around them, making observations and drawing pictures of animals and plants.**
- Skill**
- Core knowledge**
 - Snails have soft bodies and a spiral shell.
- Skill**
- Core knowledge**
 - Minibeasts is another name for animals such as insects, spiders and snails.
- Skill**
- Skill**
- Skill**
- Core knowledge**
 - Insects have six legs, three body parts, antennae and most have one or two pairs of wings.
- R** **Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.**
- Skill**
- Skill**
- Core knowledge**
 - Animals such as snails, spiders and insects live in gardens, fields, parks and woodlands.
- N** **Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.**
- Skill**
- Core knowledge**
 - Caterpillars eat lots of food as they grow.

Big Wide World

☒ Hide

10 Programmes of study, 21 skills and 23 knowledge statements

Nursery **Reception** **Driver subject** **Understanding the world** **Compare and contrast** **Creation** **Data & thinking** **Environment** **Fieldwork** **Identify & classify** **Location**



- N R** ✓ **Create simple programs.**
- Skill**
- Skill**
- Skill**
- Core knowledge**
- Floor robots will only move in the direction they are programmed to go in.
- Skill**
- Core knowledge**
- Technological toys need instructions to operate in a particular way. Errors in instructions can be checked and fixed.
- R** ✓ **Use technology to record their work and ideas.**
- Skill**
- R** ✓ **Understand the past through settings, characters and events encountered in books read in class and storytelling.**
- Skill**
- Core knowledge**
- Some people in history are significant because they did important things that changed the world or how we live.
- N R** ✓ **Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.**
- Skill**
- Core knowledge**
- The world has lots of different places.
- Skill**
- Core knowledge**
- The local environment has lots of different features including rivers, roads, lakes, woods, canals and railways.
- Skill**
- Core knowledge**
- A map is a drawing of an area of land or sea. It shows features, including roads, rivers, woods, parks and buildings.
- N R** > **Know some similarities and differences between different religious and cultural communities in this country, drawing on their experiences and what has been read in class.**
- N R** ✓ **Explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and – when appropriate – maps.**
- Skill**
- Core knowledge**
- The weather, plants and animals differ in different places around the world.
- Skill**
- Core knowledge**
- The weather, environment and living things are different in different places around the world.
- Skill**
- Core knowledge** 2
- Climates and environments are different, depending on their location on Earth.
- Core knowledge**
- The weather, environment and living things are different in different places around the world.
- Skill**
- Core knowledge**
- People live in and visit lots of different places around the world.
 - Globes and maps can show us the location of different places around the world.
- Core knowledge**
- A globe is a 3-D model of the Earth.
 - Maps show 2-D images of places.
- R** ✓ **Explore the natural world around them, making observations and drawing pictures of animals and plants.**
- Skill**
- Core knowledge**
- Living things are different in different places around the world.
 - Animals have special features that help them live in their environment.
- R** ✓ **Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.**
- Skill**
- N R** ✓ **Know ways to care for their local environment.**
- Skill**
- Core knowledge**
- We should care for the environment. For example, rubbish needs to be put in the bin.
- Skill**
- Core knowledge**
- Litter has a harmful effect on the areas where we live, work and play.
- R** ✓ **Sort and group materials and resources and talk about how they are similar or different.**
- Skill**

Splash!

☐ Hide

4 Programmes of study, 6 skills and 5 knowledge statements

Nursery Reception Driver subject Understanding the world Digital searching Forces Physical things Report and conclude Survival



- R** ☐ Use technology to record their work and ideas.
 - Skill
- R** ☐ Explore the natural world around them, making observations and drawing pictures of animals and plants.
 - Skill
 - Core knowledge
 - Water turns to ice when the temperature is very cold.
 - Heat causes ice to melt. When ice melts it becomes water again.
- N** **R** ☐ Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.
 - Skill
 - Core knowledge
 - Some objects float and others sink.
 - Skill
 - Core knowledge
 - Plants need water, sunlight and air to survive.
 - Skill
- R** ☐ Sort and group materials and resources and talk about how they are similar or different.
 - Skill

On the Beach

☐ Hide

8 Programmes of study, 20 skills and 33 knowledge statements

Nursery Reception Driver subject Understanding the world Changes over time Communication Data analysis Diversity Environment Forces Habitats Identify & classify Location Maps Nutrition Observation Parts and functions Report and conclude Settlements & land use World



- R** ☐ Talk about the lives of the people around them and their roles in society.
 - Skill
 - Core knowledge
 - A coastguard keeps watch on coastal waters to assist people or ships in danger.
- R** ☐ Know some similarities and differences between things in the past and now, drawing on their experiences and what has been read in class.
 - Skill
 - Core knowledge
 - The way that people lived in the past is not the same as the way that we live now.
 - Skill
- N** **R** ☐ Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.
 - Skill
 - Core knowledge
 - Leaving litter can harm plants and animals.
 - Skill
 - Core knowledge
 - A map is a drawing that shows an area of land or sea.
 - Skill
 - Core knowledge
 - The world has lots of different places. Seas and oceans cover more of the Earth's surface than land.
 - Skill
 - Core knowledge
 - Environments have different features.
 - A beach is a pebbly or sandy shore, especially by the sea.
 - Skill
 - Core knowledge
 - Leaving litter on beaches can harm marine life.
- R** ☐ Explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and – when appropriate – maps.
 - Skill
 - Core knowledge
 - Animals live in different habitats.
 - The seashore is a habitat for many animals such as sea birds, crabs, fish and starfish.
 - Core knowledge
 - The polar regions, the Arctic and Antarctic, are always cold and icy.
 - Skill
 - Core knowledge
 - The ocean is a body of salt water that covers over two thirds of the surface of the Earth.

- N R** ∨ Explore the natural world around them, making observations and drawing pictures of animals and plants.
- Skill**
- Core knowledge**
- There are lots of different animals. Some animals including fish, whales, sharks and dolphins live in the seas and oceans.
- Skill**
- Core knowledge**
- There are lots of different animals. Some animals including sea birds, crabs and starfish live at the sea shore.
- Core knowledge**
- There are lots of different animals. Some animals including starfish, crabs and limpets live in rock pools.
- Skill**
- Core knowledge**
- Animals eat different kinds of food, including other animals, plants or both animals and plants.
- Skill**
- Skill**
- Core knowledge**
- Molluscs such as snails, clams and muscles have shells to protect them.
- Core knowledge**
- Animals live in different habitats.
 - Rock pools are habitats for many animals, such as starfish, crabs, anemones, mussels, barnacles and periwinkles.
- Core knowledge**
- Birds are animals that have beaks and feathers and lay eggs.
- Skill**
- Core knowledge**
- Animals live in different habitats.
 - The seashore is a habitat for many animals such as sea birds, crabs, fish and starfish.
- Core knowledge**
- Crabs have five pairs of legs. The first pair of legs has pincers.
- Core knowledge**
- Fish use gills to breathe. They use their tails to swim and have fins to keep them upright.
- N** ∨ Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.
- Skill**
- Core knowledge**
- A beach is a pebbly or sandy shore, especially by the sea.
- R** ∨ Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.
- Skill**
- N R** ∨ Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.
- Skill**
- Core knowledge**
- Some objects float and others sink.
- Skill**

Move It

☒ Hide

3 Programmes of study, 3 skills and 3 knowledge statements

Nursery **Reception** **Driver subject** **Physical development** **Diversity** **Phenomena** **Physical things**



- R** ∨ Talk about the lives of the people around them and their roles in society.
- Skill**
- Core knowledge**
- A hero is a person admired for their courage, achievements or personal qualities.
- R** ∨ Develop scientific knowledge through play activities, sharing stories and non-fiction books and discussion.
- Skill**
- R** ∨ Sort and group materials and resources and talk about how they are similar or different.
- Skill**

Moving On

☒ Hide

3 Programmes of study, 4 skills and 1 knowledge statement

Reception **Driver subject** **Personal, social and emotional development** **Chronology** **Creation** **Everyday life** **Life changes**



- R** ∨ Use technology to record their work and ideas.
- Skill**
- R** ∨ Know some similarities and differences between things in the past and now, drawing on their experiences and what has been read in class.
- Skill**
- Core knowledge**

- Memories are things we remember from the past.
- Skill
- R

▼

 Discuss simple changes as they have grown from being a baby.
- Skill
- Core knowledge
- Change happens to everyone. Changes happen in families and environments.