

Year 5 Topic 2 Overview

| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 |
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| Science Forces | To understand how gravity acts on objects | To understand how friction acts on objects | To understand how air resistance acts on objects | To understand how water resistance acts on objects | To understand how mechanisms work | To demonstrate an awareness of how forces act on objects |
| Vertical links | To know that pushes and pulls are a type of force To know that forces affect the shape or movement of an object To know the Earth and moon are spherical | To know that different surfaces create different amounts of friction | To understand that friction is a force which holds back the movement of an object | | | |
| Horizontal links | To use positional and directional language | | To use positional and directional language | | To be able to swim 25m To understand levers and winders | |
| History | | | | | | |
| Vertical links | | | | | | |
| Horizontal links | | | | | | |
| Geography US Study | To locate the USA and some of its physical features | To locate the USA and some of its human features | To locate Brazil and some of its physical features | To locate Brazil and some of its human features | To name and locate the physical and human features of Peru | To locate some countries, cities and physical and human features in North and South America |
| Vertical links | To understand what physical features are | To understand what human features are | To learn and use the 8 points of a compass To understand what human and physical features are | To understand what human and physical features are | | |
| Horizontal links | To use directional language | | To use directional language | | | |

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| Art and Design | To evaluate existing art | To know how to create shades of colour | To explore techniques for varying line width | To recreate an existing piece of art | To explore ideas for own art | To create a Paul Klee inspired pattern art |
| Vertical links | To explore existing art | To be able to mix colours | To understand which pencil are best for different types of line | To recreate an existing piece of art | | |
| Horizontal links | To explore the work of scientists | | To understand 'width' | | | |
| Design Technology Cooking – Bolognaise | To understand where meat comes from | To compare two adapted bolognaise recipes based on nutritional value | To know how to prepare ingredients for a meal | To write an amended recipe to enhance the nutritional value of the meal | To create spaghetti bolognaise | To evaluate our bolognaise based on existing products of a different nutritional value |
| Vertical links | | To research different biscuits and their recipes | | To adapt the recipe for a biscuit | To make a biscuit | To evaluate our biscuit based on existing products within our budget |
| Horizontal links | | To understand instructions | | To read and write a set of instructions | | |
| Religious Education Christianity – life after death | To know how Christians express their beliefs in the way they live their life | To know how Christians' relationship with Jesus influences their beliefs and how they live their life | To know how Christians should live their lives | To know what Christians believe about life after death and to know why they have these beliefs | To know how and why a person's death is marked in Christianity | To know what Christians believe about life after death and why |
| Vertical links | To know how Hindus express their beliefs | | To know how Hindus should live their lives | To know what Hindus believe about life after death | To know how Hindus mark death | To know what Hindus believe about life after death |
| Horizontal link | | | | | | |
| Computing | | | | | | |
| Vertical links | | | | | | |
| Horizontal links | | | | | | |

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| Physical Education Hockey Outdoor Adventurous Activities (OAA) | To use attacking skills to beat a defender To develop communication and negotiation skills | To send and receive under pressure To develop strong communication and negotiation skills to solve challenges | To communicate with my team and move into space To develop planning and problem-solving skills | To learn defensive techniques to gain possession To share ideas and work as a team to solve problems | To use defending tactics to gain possession To develop navigation skills and map reading | To apply rules, skills and principles to play in a tournament To create and follow a key and route on a map |
| Vertical links | To understand attacking skills To continue to develop negotiation skills | To be able to send and receive To continue to develop communication skills | To continue to develop communication skills To continue to develop problem-solving skills | To continue to develop defensive skills To continue to develop problem solving and team skills | To continue to develop defending tactics To continue to develop map reading skills | To continue to develop all skills in hockey To continue to develop the understanding of reading a map |
| Horizontal links | | | | | | |
| PSHE Celebrating Differences | To understand that cultural differences sometimes cause conflict | To understand what racism is | To understand some of the different bullying behaviours | To explain the difference between direct and indirect types of bullying | To be able to make a comparison between their life and with people in the developing world | To explore differences around the world |
| Vertical links | To understand that differences and conflicts sometimes happen among family members | | | To know how to spot bullying and what to do if they think someone is being bullied | | To know that being different is okay and that is what makes us special |
| Horizontal links | | | | | | |
| Music Classroom Jazz 1 | To listen and appraise The Tree Note Bossa by Ian Gray | To play The Three Note Bossa on a glockenspiel with improvisation using notes G, A, and B | To play The Three Note Bossa on the recorder with improvisations using the Notes G, A, and B | To play the Five Note Swing on a glockenspiel with improvisations using the notes D, E, G, A, and B | To play the Five Note Swing on a recorder with improvisations using the notes D, E, G, A, and B | To perform the Five Note Swing with an instrument of choice with improvisations using the notes D, E, G, A, and B |
| Vertical links | | To know the notes G, A, and B | | To know the notes D, E, G, A, and B | | |
| Horizontal links | To evaluate the work of an artist | | | | | |



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| MFL In the City | To explore the buildings in a city | To ask for an entrance ticket | To understand and give simple instructions | To say and write a simple description of a town or city | To understand nouns and prices for Christmas | To use Christmas vocabulary in a description |
| Vertical links | To recall vocabulary related to towns | To know vocabulary related to towns | | | To know colours and numbers | To know colours |
| Horizontal links | | | | | | |