

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Unit Title	Family and Friends	Clothes	Changes	Transport	
Big Idea	Every family is different. Good friendship skills are important.	We wear different clothes for different reasons: They can keep us warm (or cool). We can wear different colors, materials and designs and change them for different occasions.	Changes take place in the environment. We can influence some changes but not all.	Everyday, people all over the world make different types of journeys – on land, on sea and in the air. There are different ways that we can do this.	
Essential Questions	1. How can you be a good friend? 2. What is a family?	1. How and why do clothes differ (around the world)? 2. Why are clothes made from different materials?	1. What is change? 2. How do things change? 3. What causes change?	1. How can we get from one place to another? 2. When do you use particular types of transport?	
Subject Foci	Art of learning, Society	Geography, History, Science	Science	Geography, Science	

IPC Program of Inquiry 2018/2019

Early Years 4

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Unit Title	All About Me	Clothes	Changes	Transport	
Big Idea	They can use their body parts in different ways. Different emotions can be expressed in different ways. The senses give us important information about the world around us.	We wear different clothes for different reasons: They can keep us warm (or cool). We can wear different colors, materials and designs and change them for different occasions.	Changes take place in the environment. We can influence some changes but not all.	Everyday, people all over the world make different types of journeys – on land, on sea and in the air. There are different ways that we can do this.	
Essential Questions	1. What are my body parts and what do I use them for? 2. How do/can I use my senses? 3. How do/can I show my feelings?	1. How and why do clothes differ (around the world)? 2. Why are clothes made from different materials?	1. What is change? 2. How do things change? 3. What causes change?	1. How can we get from one place to another? 2. When do you use particular types of transport?	
Subject Foci	Science, Social Studies	Geography, History, Science	Science	Geography, Science	

IPC Program of Inquiry 2018/2019

Early Years 5

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Unit Title	Brainwave unit	The Stories People Tell	Push and Pull	Communities	Live and Let Live
Big Ideas	Our brain is special because it does a lot of amazing things. Once we understand how our brain works and what we can do to make it work even better, then we can improve the way we learn.	People create and tell stories in many ways and for many reasons.	Every move we make is a result of a force (focus on cause and effect).	A community is an organized space that includes roles and responsibilities.	The world is full of living and non-living things, and we have an important part to play in taking care of them.
Essential Questions	1. What does learning look like? 2. How do we learn? 3. How can we look after our brain?	1. What is a story? 2. What does it need? 3. What kinds of stories are there? 4. How do people tell stories? 5. Why do people tell stories?	1. How do things move? (push, pull, drop/let go) 2. What happens if.../when... 3. How do materials affect movement?	1. Who lives and works in our community? 2. What are the roles and responsibilities we have? (at school, at home)	1. What is a living thing? 2. What do living things need? 3. How can we take care of living things?
Subject Foci	Art of Learning	Geography, History, Society	Science, Technology	Geography	Science
Assessment for Learning Focus		History 1.05 Be able to respect one another's individuality and independence.	Technology 1.04 Be able to use simple tools and materials to make products	Geography 1.10 Be able to make maps and plans of real and imaginary places, using pictures and symbols	Science 1.02 Be able to pose simple scientific questions.

IPC Program of Inquiry 2018/2019

Grade 1

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Unit Title	Brainwave unit	We are What We Eat	It's Shocking	Entertainment	The Earth, Our Home
Big Idea	Our brain is special because it does a lot of amazing things. Once we understand how our brain works and what we can do to make it work even better, then we can improve the way we learn.	Food plays an important role throughout the world because we need food to live. If we learn about the different types and amounts of food our bodies need, we can plan healthier diets and enjoy longer lives.	Electricity can work lights, computers, mobile phones, cars, and lots of other things that we use every day - it can even make our hair stand on end! But what is electricity?	"Laughter is the best medicine". People like to be entertained and over time entertainment has changed.	All living things – plants, animals and people – have a home or somewhere to live that we call a 'habitat'. A habitat can be huge like the ocean or small like a leaf. A habitat could be a forest on the other side of the world or it could be a tree in our local area. Do you know any habitats?
Essential Questions	<ol style="list-style-type: none"> 1. What does learning look like? 2. How do we learn? 3. How can we look after our brain? 	<ol style="list-style-type: none"> 1. Where does your food come from? 2. What is a healthy diet for you? 3. How can you find answers to scientific questions? 	<ol style="list-style-type: none"> 1. What is electricity? 2. How is electricity produced? 3. How is electricity used in our daily lives? 4. Why is it important for us to conserve electricity and consider different energy sources? 	<ol style="list-style-type: none"> 1. Why do we have entertainment? 2. How has entertainment changed over time? 3. Why has it changed? 4. Should animals be used in entertainment? 	<ol style="list-style-type: none"> 1. Why do animals and plants live in different habitats? 2. How do animals and plants depend on each other and their environments? 3. How are habitats different from each other?
Subject Foci	Art of learning	Science, Geography	Technology, History, Science	History, Drama	Geography, Science, International
Assessment for Learning Focus		<p>Science 1.03</p> <p>Be able to identify ways of finding out about scientific issues.</p>	<p>Technology 1.06</p> <p>Be able to comment on their own plans and products and suggest areas of improvements.</p>	<p>History 1.06</p> <p>Be able to identify differences between their own lives and those of people who have lived in the past.</p>	<p>Geography 1.09</p> <p>Be able to describe geographical features of the school site or other familiar places.</p>

IPC Program of Inquiry 2018/2019

Grade 2

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Unit Title	Brainwave Unit	Living Together	Chocolate	Digital Gamers	Land, Sea and Sky
Big Idea	Every day we are learning lots of new and different things –gaining the knowledge, skills and understanding that we will need to become successful adults. By finding out more about how we learn, and how we can improve our learning, we will be better equipped for meeting the many challenges ahead of us.	We all belong to many different communities – family, friends, sports teams, activity groups, etc. However, there is one thing that every community has in common – people. We must learn how to respect, support and work with other people if we hope to become valuable contributors to the communities that we are a part of.	To understand the journey a cocoa bean travels to be made into a chocolate product. Many countries work together to make sure that we can enjoy mouthwatering chocolate products.	Have you ever thought about how the computer games you enjoy playing are actually made? Where do you think the ideas come from? Do you think just one person is responsible for designing a computer game or could it be more? Computer games are big business, but what’s involved in the process of designing, coding and creating them? Let’s find out!	Plants and animals can adapt to living almost anywhere on our Earth. Wherever we look on the land, in the sea and in the sky, we find living things that have evolved in unique ways just to live there.
Essential Questions	<ol style="list-style-type: none"> 1. How can we learn in different ways? 2. What can you do to help guide your learning? 3. How do you know you have learned something? 4. How do our mistakes help deepen our learning? 	<ol style="list-style-type: none"> 1. What is a community? 2. Why do communities change over time? (population, interests, needs) 3. What is the importance of different roles in a community? 4. How are communities different around the world? 	<ol style="list-style-type: none"> 1. What impact does trade have on a society? 2. What can we learn from maps and globes? 3. How do the properties of a material determine its use? 	<ol style="list-style-type: none"> 1. In what ways can we use technology safely, responsibly, and respectfully to accomplish a goal? 2. What are the steps to write a program? 	<ol style="list-style-type: none"> 1. In what ways are living things adapted to survive in their habitats? 2. Why do living things need to adapt?
Subject Foci	Art of Learning	History, Science, Geography	Geography, Society, Science, History	ICT	Geography, Science
Assessment for Learning Focus		<p>History 2.05 Be able to gather information from simple sources, including secondary sources</p>	<p>Geography 2.08 Be able to use maps at a variety of scales to locate the position and geographical features of particular localities</p> <p>Geography 2.09 Be able to use secondary sources to obtain geographical information</p>	<p>ICT 2.05 Be able to select and use a range of programs or apps to support and present learning in other subjects</p> <p>ICT 2.06 Be able to use ICT and computing to control events and write programs that accomplish specific goals</p>	<p>Science 2.01f Be able to link evidence to broader scientific knowledge and understanding</p> <p>Science 2.1g Be able to use evidence to draw conclusions</p>

IPC Program of Inquiry 2018/2019

Grade 3

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Unit Title	Brainwave	Treasure	Feel the Force	Young Entrepreneurs	Time and Place Earth and Space
Big Idea	<p>Every day we are learning lots of new and different things –gaining the knowledge, skills and understanding that we will need to become successful adults.</p> <p>By finding out more about how we learn, and how we can improve our learning, we will be better equipped for meeting the many challenges ahead of us.</p>	<p>History is like a jigsaw puzzle. The treasures that archaeologists find provide us with some very important pieces that help us build up a picture of what people and places were like in the past.</p> <p>Treasure can mean many things to different people.</p> <p>Understand that the past has been recorded in a variety of ways.</p>	<p>Without forces to push and pull us along, nothing on Earth or in the wider Universe would move.</p> <p>Forces are so important that it is almost impossible to imagine a world without them – and yet, they are invisible.</p>	<p>A business is more than just a product or a service. Behind every item that we buy, every service that we use, there is a story. Running a business involves many skills – creativity, leadership, teamwork, communication, budgeting, planning, design, customer-awareness and so on. If we want to become the successful entrepreneurs of the future, then it is important that we understand the thought and hard work that goes into planning and setting up a business – and turning our ideas into a reality.</p>	<p>We know that when we look up at our sky on a clear day we will see the Sun. We know the Sun gives us light to heat the Earth and help things grow but what does the Sun have to do with our time? It's time to find out!</p>
Essential Questions	<ol style="list-style-type: none"> 1. How can we learn in different ways? 2. What can you do to help guide your learning? 3. How do you know you have learned something? 4. How do our mistakes help deepen our learning? 	<ol style="list-style-type: none"> 1. How do we know what people's lives were like long ago? 2. How does a river benefit a settlement? 	<ol style="list-style-type: none"> 1. What makes objects move the way they do? 2. How do you know? 	<ol style="list-style-type: none"> 1. How does the design process help to create a marketable product? 2. How do people trade today compared to how people traded in the past? 	<ol style="list-style-type: none"> 1. How does the movement of the Earth influence time? 2. How does the movement of the sun affect human life?
Subject Foci	Art of Learning	Geography, Technology, History	Science, Technology	Geography, History, Technology, Society	Science, Technology, Geography
Assessment for Learning Focus		<p>History 2.05</p> <p>Be able to gather information from simple sources.</p>	<p>Science 2.01b</p> <p>Be able to prepare a simple investigation which is fair, with one changing factor</p>	<p>Tech 2.06</p> <p>Be able to identify and implement improvements to their designs and products</p>	<p>Science 2.01g</p> <p>Be able to test ideas using evidence from observation and measurement</p>

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Unit Title	Brainwave unit	Space Explorers	What a Wonderful World?	Great, Bold and Brave	Making New Materials
Big Idea	Every day we are learning lots of new and different things – gaining the knowledge, skills and understanding that we will need to become successful adults. By finding out more about how we learn, and how we can improve our learning, we will be better equipped for meeting the many challenges ahead of us.	The deep mysteries of the universe still elude us in many ways. With understanding our universe, we may understand ourselves, our potential and our world more greatly.	Our world is always changing because of natural forces and our influence upon them. We need to ensure our present choices and impact, will leave a sustainable future.	The discoveries and developments of past civilizations continue to influence our lives today.	The structure of materials can be transformed for a specific purpose.
Essential Questions	<ol style="list-style-type: none"> 1. How do we learn? 2. How can we use our understandings about ourselves, to ensure we have a positive influence in the future? 	<ol style="list-style-type: none"> 1. How do we make sure what we discover through research is valid and factual? 2. How is the universe organized and how do we know? 3. Why do we seek an understanding of Space and how do we do so? 4. How is life on Earth connected to the regular and predictable motions of the solar system? 	<ol style="list-style-type: none"> 1. How does the land change? 2. How does the Earth's composition affect life on the surface? 3. How do the Earth's 4 subsystems interact? 4. How do the Sun, Earth and Moon contribute towards a sustainable planet? 	<ol style="list-style-type: none"> 1. How can valid and factual research be interpreted to understand human choice and its influence. 2. How have the lives of people in one country or group been affected by the activities of other countries or groups? 3. Why do civilizations grow and change? 4. What did the people of the past leave for us and how is it used today? 	<ol style="list-style-type: none"> 1. Why are there various states of matter? 2. What are the effects of the states of matter? 3. What's it made of and why? 4. How does the composition of a material, change its purpose? 5. What is matter and how does it behave? 6. Why are some changes permanent while others are not? 7. Why do chemical and physical changes happen in our world today?
Subject Foci	Art of Learning	Science, History, Technology	Geography	History, Geography	Science

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Assessment for Learning Focus</p>		<p>Technology 3.04 Be able to respond to identified needs, wants and opportunities with informed designs and products</p> <p>International 3.06 Be able to identify ways in which people work together for mutual benefit</p>	<p>Geography 3.24 Be able to communicate their knowledge and understanding of geography in a variety of ways</p> <p>International 3.05 Be able to explain how the lives of people in one country or group are affected by the activities of other countries or groups</p> <p>International 3.06 Be able to identify ways in which people work together for mutual benefit</p>	<p>History 3.10 Be able to find out about aspects of the past from a range of sources.</p> <p>International 3.05 Be able to explain how the lives of people in one country or group are affected by the activities of other countries or groups</p>	<p>Technology 3.06 Be able to devise and use step-by-step plans.</p> <p>International 3.05 Be able to explain how the lives of people in one country or group are affected by the activities of other countries or groups</p> <p>International 3.06 Be able to identify ways in which people work together for mutual benefit</p>
--	--	---	---	---	---

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Unit Title	<u>Brainwave:</u> The Art of Learning	<u>Here and Now, There and Then:</u> Host Country and Home Country	<u>Investigators:</u> Scientific Enquiry Materials and their Properties	Myths and Legends Myths, Legends and Beliefs	Growing Up
Big Idea	Every day we are learning lots of new and different things – gaining the knowledge, skills and understanding that we will need to become successful adults. By finding out more about how we learn, and how we can improve our learning, we will be better equipped for meeting the many challenges ahead of us	Some of you are lucky enough to have had the chance to live in more than one country. You can talk about your 'Host Country' and 'Home Country'. You will have learned so much from this experience – let's find out what you know and what more there is to learn.	These days we have lots of science knowledge at our fingertips; it can be found quickly and easily on the Internet. The science knowledge in books and websites is what other scientists have discovered in the past. To discover new things ourselves we need to be able to 'do' science not just 'know' about it. During this unit we will learn how to 'do' science. We will learn several, important, scientific skills. These skills can be used in a whole range of scientific situations. However we will use these skills to investigate one branch of science: materials and their properties. We will also see how these skills can be applied to one real world context – the exciting world of forensic science!	People have been telling stories since prehistoric times, not just to entertain but as a means of passing on their history, beliefs and culture. Many of these stories we refer to as myths and legends, stories that are timeless, and are as relevant today, as when they were first told. By studying these myths and legends, we can learn more about the people and the cultures who created them, and understand how we - today - can adapt and craft our own stories for future generations to enjoy.	As we grow up, we need to understand our bodies and the changes that will happen, both on the inside and the outside, as we prepare to enter into adulthood.
Essential Questions	<ol style="list-style-type: none"> 1. What does learning look like? 2. How do we learn? 3. How can we look after our brain? 	<ol style="list-style-type: none"> 1. What makes Germany and our Home Countries unique and different? 2. How do we know what really happened in the past? 	<ol style="list-style-type: none"> 1. How does the scientific method relate to areas of forensic science? 2. What are the different ways we can conduct scientific enquiry? 3. To what extent can understanding the properties of materials help us solve crime? 	<ol style="list-style-type: none"> 1. What is a myth and a legend? 2. Why were myths and legends created? 3. How do myths and legends enhance our understanding of ourselves, the world and culture? 	<ol style="list-style-type: none"> 1. How do we manage the physical, mental, emotional, and social changes of puberty? 2. How do male and female bodies differ? 3. How do different cultures view and celebrate puberty?

IPC Program of Inquiry 2018/2019

Sub -ject Foci	Art of Learning	Geography, History	Science	ICT	International, Science, Society
Assessment for Learning Focus		Geography 3.18 To be able to use appropriate techniques to gather information History 3.10 To be able to find out about aspects of the past from a range of sources	Science 3.02a To be able to conduct scientific investigations, posing scientific questions	ICT 3.07 To be able to select which programs or apps to use to present information or data in the most effective and appropriate way	