New Horizons Academy
Curriculum Map

This document provides an overview of the units covered in each subject throughout the school. Due to the nature of our setting, adaptations and changes are required for different pupils and classes. Such information is collated in more detail within other school curriculum and planning documentation.

Maths

(Based on White Rose Maths SOW)

At New Horizons, we recognise that students join us at various points in the school year, with varying education. Due to this, our pupils access a maths curriculum which meets their needs and is suitable for their ability level, supporting the teaching of foundational skills. To support this process in maths, we conduct baseline assessments to identify learning levels and needs as well as utilising ongoing formative and summative assessment to support continuous progression. The maths curriculum map below provides a general overview of the topics delivered with adaptations made to the White Rose scheme of work where necessary to ensure our pupils are challenged and learning is pitched correctly.

Review and recap sessions at the beginning of each term (including arithmetic recap weeks in Y6) as well as consolidation and assessment weeks at the end of terms are planned into our curriculum overview to allow for learners to revisit their learning and provide time for them to 'showcase' their learning in order to support our continuous AFL cycle, allowing staff to better pinpoint the needs of pupils. Certain maths topics are taught and revisited throughout the year to support a spiral curriculum approach where pupils are able to again revisit prior learning' this also enables pupils joining us partway through the year to access key knowledge and develop key skills in areas they may have previously not been able to access.

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Foundations	Getting to know you Match, sort and compare Talk about measure and patterns	It's me 123 Circles and triangles 1,2,3,4,5 Shapes with 4 sides	Alive in 5 Mass and Capacity Growing 6,7,8 Length, height and time	Building 9 and 10 Explore 3D shapes	To 20 and beyond How many now Manipulate, compose and decompose	Sharing and grouping Visualise, build and map Make connections
Y1	Place Value (within 10)	Addition and subtraction	Place Value (within 20)	Addition and subtraction	Place value (within 50)	Place value (within 100)

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Maths

(Based on White Rose Maths SOW)

		(within 10)	Shape	(within 20)	Place value (within 100) Money	Time Multiplication and Division
Y2	Place Value	Addition and subtraction	Addition and subtraction Multiplication and division	Multiplication and division	Multiplication and division Fractions	Time Money Shape
Y3	Place Value	Addition and subtraction	Addition and subtraction Multiplication and division A	Multiplication and division A Multiplication and division B	Multiplication and division B Fractions A Time	Time Money Shape
Y4	Place Value Addition and subtraction	Addition and subtraction Multiplication and division A	Multiplication and division A Multiplication and division B	Fractions	Fractions Decimals Time	Time Money Shape
Y5	Place Value Addition and subtraction	Addition and subtraction Multiplication and division A	Multiplication and division A Multiplication and division B	Fractions	Fractions Decimals and percentages Decimals	Decimals Perimeter and area Shape
Y6	Place Value	Fractions A	Decimals	Fractions decimals and	Arithmetic and	GAPs Consolidation

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Maths

(Based on White Rose Maths SOW)

	Addition, subtraction, multiplication and division	Fractions B	Fractions decimals and percentages	percentages Area, perimeter and volume	Consolidation	Reasoning and Problem Solving Themed Projects

English- Reading and Phonics

At New Horizons Academy, we follow the 'Read Write Inc.' Phonics programme to support in the delivery and teaching of phonics. Once our learners have been able to develop and establish their phonetic ability, they will begin to develop their reading fluency and comprehension skills by accessing comprehension based activities. This will include use of the Grammarsaurus Comprehension Crusher scheme. Comprehension skills are taught and modelled to our learners to help them independently access these tasks, these may also be individualised where needed to suit the learners' needs using a range of resources. A more detailed explanation can be found in our Reading and Phonics whole school overview document. Coverage documents are utilised within school for staff to track and monitor progress as well as inform planning and delivery.

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English-Writing

(Based on Literacy Tree SOW)

Using the Literacy Tree scheme of work, our teachers adapt the planning and objectives accordingly in order to meet the needs and abilities of the pupils in their classes.

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Foundations	Where the Wild Things Are	Anansi the Spider	Look Up!	The Tiny Seed	I Will Never Not Eat a Tomato	Oi Frog!
KS1 Cycle A	The Lights that Dance in the Night *Poetry*	Where the Wild Things Are *Narrative* *characters*	Stanley's Stick *Narrative* *Endings*	Billy and the Beast *Narrative -* *OR instructions/recipes*	Toys in Space *Narrative - Fantasy* *narrative re-write*	The Midnight Panther *Narrative - Shared write*
KS1 Cycle B	Journey *Narrative* *Story sequel*	Little Red *Narrative* *Fairy tales*	The Sea Saw *Narrative*	Dragon Post *Non-Fiction* *Instructional guide*	If all the World were *Non-narrative poem*	Change Sings *Poetry* *Shared poem to perform*
LKS2 Cycle A	The Lights that Dance in the Night *Poetry*	*The Zebra's Great Escape* *Own version 'great escape' narrative*	Wilderness *Non-fiction* *Guide leaflet*	Leon and the Place Between *Narrative* *Version of the story*	The Crown	The Midnight Panther *Narrative* *animal sub-set*
LKS2 Cycle B	Journey *Narrative*	The Barnabus Project *Non-fiction*	Small in the City	The Search for the Giant Arctic Jellyfish	The Story of Tutankhamun *Diary entry/ Biography*	Change Sings *Poetry*

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English-Writing

(Based on Literacy Tree SOW)

	Story sequel	*Publish a Brochure*	*Narrative from an alternative point of view*	*Non-chron report*		*Shared poem to perform*
UKS2 Cycle A	The Lights that Dance in the Night *Poetry*	*The Lion, the Witch and the Wardrobe (Y4)* *Write own ending of the story*	*FArTHER* *Write a sequel to the story*	*The Lost thing* *Non-fiction guide/ invent machine*	*Robot Girl* *Science-fiction narrative*	The Midnight Panther *Narrative* *animal sub-set*
UKS2 Cycle B	Journey *Narrative* *Story sequel*	The Ever-Changing Earth *Narrative sequel as a class book*	Shackleton's Journey Newspaper Report	*The Lost Happy Ending*	*Beowulf* *Narrative - Own legend/ missing chapter*	Change Sings *Poetry* *Shar`ed poem to perform*

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Science

(Based on White Rose Science SOW)

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Foundations	**WRS:** Me and my small world What's in my basket? Working Scientifically and investigatory lessons Scientist Study	**WRS:** Senses Let's go outside What's Changed? Night and day	**WRS:** Changes in Winter Let it flow From desert to jungle Watch it grow	**WRS:** Animal detectives Pushes and pulls	**WRS:** From city to sea Look all around Test it out!	**WRS:** Happy and healthy Our wonderful world We're going on an animal hunt
KS1 Cycle A	Working Scientifically and investigatory lessons Scientist Study	**WRS:** The Human Body	**WRS:** Living Things and their Habitats	**WRS:** Materials	**WRS:** Materials	**WRS Sustainability** Caring for the planet & Growing and Cooking **Science Class Project**
KS1 Cycle B	Working Scientifically and investigatory lessons Scientist Study	**WRS:** Humans	**WRS:** Growing Up	**WRS:** Animals	**WRS:** Animals Need for Survival	**WRS Sustainability** Plastic & Wildlife **Science Class Project:**

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Science

(Based on White Rose Science SOW)

LKS2 Cycle A	Working Scientifically and investigatory lessons Scientist Study	**WRS:** Sound	**WRS:** Group and Classify Living Things	**WRS:** Habitats	**WRS:** Electricity	**WRS Sustainability** Food Waste & Biodiversity **Science Class Project:**
LKS2 Cycle B	Working Scientifically and investigatory lessons Scientist Study	**WRS:** Skeletons Movement Nutrition and Diet	**WRS:** The Digestive System Food Chains	**WRS:** Forces	**WRS:** Magnets	**WRS Sustainability** Energy & Deforestation **Science Class Project:**
UKS2 Cycle A	Working Scientifically and investigatory lessons Scientist Study	**WRS:** Animals including humans	**WRS:** Life Cycles Reproduction A & Reproduction B	**WRS:** Properties of Materials	**WRS:** Electricity	**WRS Sustainability** Global Warming & Plastic Pollution **Science Class Project**
UKS2 Cycle B	Working Scientifically and investigatory lessons Scientist Study	**WRS:** Forces	**WRS:** Reversible and irreversible changes	**WRS:** Living Things and their Habitats	**WRS:** The Circulatory system Diet, Drugs and Lifestyle	**WRS Sustainability** Renewable Energy & Light Pollution **Science Class Project**

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Computing

(Based on Kapow Computing SOW)

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Foundations	Online Safety- Digiduck Story 1: Digiduck's Big Decision Computing systems and Networks: Explore hardware	Online Safety- Digiduck Story 2: Digiduck's Famous Friend Programming: All about Instructions	Online Safety- Digiduck Story 3: Detective Digiduck Programming: Beebots	Online Safety- Digiduck Story 4: Digiduck and the Magic Castle Data handling: Introduction to data	Online Safety- Digiduck Story 5: Digiduck Saves the Day Computing systems and Networks: Using a computer	**Online Safety and Key Computing Skills Consolidation and Review**
KS1 Cycle A	**Online Safety Y1 L1:** & Computing systems and Networks: Improving mouse skills	**Online Safety Y1 L2:** & Programming: Algorithms unplugged	**Online Safety Y1 L3:** & Computing systems and networks:Word Processing	**Online Safety Y1 L4:** & Computing systems and networks: What is a computer?	**Online Safety Y1 L5:** & Programming : Algorithms and debugging	**Online Safety Consolidation and Review** & Skills Showcase: Rocket to the moon
KS1 Cycle B	**Online Safety Y2 L1:** & Programming : Programming Bee-Bots	**Online Safety Y2 L2:** & Creating Media: Digital Imagery	**Online Safety Y2 L3:** & Data handling: Introduction to data	**Online Safety Y2 L4:** & Programming : ScratchJr	**Online Safety Consolidation and Review** & Creating Media: Stop Motion	**Online Safety Consolidation and Review** & Data Handling: International Space Station

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Computing

(Based on Kapow Computing SOW)

LKS2 Cycle A	**Online Safety Y3 L1:** & Computing systems and networks: Emailing	**Online Safety Y3 L2:** & Programming : Scratch	**Online Safety Y3 L3:** & Creating Media: Video trailers	**Online Safety Y3 L4:** & Computing systems and networks: Website Design	**Online Safety Y3 L5:** & Programming : Further Coding with Scratch	**Online Safety Consolidation and Review** & Creating Media: Computational thinking
LKS2 Cycle B	**Online Safety Y4 L1:** & Computing systems and networks: Networks	**Online Safety Y4 L2:** & Data Handling: Comparison cards databases	**Online Safety Y4 L3:** & Computing systems and networks: Journey inside a computer	**Online Safety Y4 L4:** & Computer systems and networks: Collaborative learning	**Online Safety Y4 L5:** & Data Handling: Investigating the weather	**Online Safety Consolidation and Review** & Computing systems and networks: HTML
UKS2 Cycle A	**Online Safety Y5 L1:** & Programming: Micro:bit	**Online Safety Y5 L2:** & Data handling: Mars Rover 1	**Online Safety Y5 L3:** & Skills showcase : Mars Rover 2	**Online Safety Y5 L4:** & Computing systems and networks: Bletchley Park and the history of computers	**Online Safety Y5 L5:** & Programming: AI	**Online Safety Consolidation and Review** & Skills showcase: Inventing a product
UKS2 Cycle B	**Online Safety Y6 L1:**	**Online Safety Y6 L2:**	**Online Safety Y6 L3:**	**Online Safety Y6 L4:**	**Online Safety Y6 L5:**	**Online Safety Y6 L6:**

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Computing (Based on Kapow Computing SOW)						
	& Programming: Programming: Music	& Creating media: Stop motion animation	& Computing systems and networks: Search Engines	& Data handling: Big data 1	& Data handling 2: Big Data 2	& Creating media: Exploring Python

PSHE (Based on Pol-ED)						
KS1	**Passport lessons**	**Relationships**	**Keeping safe**	**Understanding the law**	**Wellbeing**	**Consolidation and Class specific sessions**
LKS2	**Passport lessons**	**Relationships**	**Keeping safe**	**Understanding the law**	**Wellbeing**	**Consolidation and Class specific sessions**
UKS2	**Passport lessons**	**Relationships x**	**Keeping safe**	**Understanding the law**	**Wellbeing**	**Consolidation and Class specific sessions**

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Topic						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Foundations	All About Me	Light and Dark	Growing and Changing	Minibeasts	All About Animals: Under the Sea	The World Beyond Northampton
KS1 Cycle A	All about Animals: Land Animals	Festivals and Celebrations	Dinosaurs and Fossils	Roald Dahl:The Enormous Crocodile	Terrific Toys!	Fairy Tales: Traditional Stories from around the world
KS1 Cycle B	Seas, Rivers and Oceans	Real Life Superheroes	Transport Through The Ages	Roal Dahl: Charlie and the Chocolate Factory	The Great Fires of London and Northampton	Sun, Sea and Sand
LKS2 Cycle A	Fabulous Food- Dishes from around the world	Endangered animals	Technology: How has it changed and how does it help us today?	Roald Dahl:The BFG	Ancient History and Civilisations: Ancient Greece	Achievers, Explorers and Inventors-
LKS2 Cycle B	Man-made and Natural Wonders of the World	Bletchley Code Breakers!	Plants and Growing	Roald Dahl: James and the Giant Peach	Ancient History and Civilisations: The Roman Empire	Mythological and Legendary Creatures
UKS2 Cycle A	Famous Artists who left their mark on the world!	Championes, Championes, Ole, Ole, Ole! Who is the GOAT?	Space, the final frontier!	Roald Dahl: Danny Champion of the World	History of Gaming	A United Kingdom! All about the countries of the UK.
UKS2 Cycle B	Local History: Cobblers! Northampton and the shoe industry	All about the Olympics	Extreme Earth: Natural Hazards	Roald Dahl:The Twits	Mesmerised by Mayans	Magnificent Musicians from around the world

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PE Foundations

(Based on Primary PE Planning SOW)

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	EYFS Ball skills - Dodgeball	EYFS Football Fundamentals	Healthy me/ EYFS Pirate Fitness	Handball	Tag Rugby	Athletics

PE KS1

(Based on Primary PE Planning SOW)

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Dodgeball	Football	Healthy me/ Fitness	Handball	Tag Rugby	Athletics

PE LKS2

(Based on Primary PE Planning SOW)

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Dodgeball	Football	Healthy me/ Fitness	Handball	Tag Rugby	Athletics

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PE UKS2 (Based on Primary PE Planning SOW)						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Dodgeball	Football	Healthy me/ Fitness	Handball	Tag Rugby	Athletics