ATAM Academy

Continue your lifelong love of learning as you transition to secondary school

Enjoy the Summer Holiday.
See you in Year 7

Summer 2
Showcase Project: showcasing everything they have learnt in Primary.

Spring 2
Big Data 1:Identifying how barcodes and QR codes work

Autumn 2
Blanchley Park 2:Writing, recording and editing radio plays set during WWII, learning about how computers have evolved

Autumn 1
Blanchley Park 1: Discovering the history of Bletchley and learning about code breaking and password hacking.

Transition year – Getting ready for Year 7

YEAR 6

Summer 1
Big Data 2: Learning how big data can be used to design smart buildings.

Spring 1
Python:Using the programming language 'Python' to create designs and art

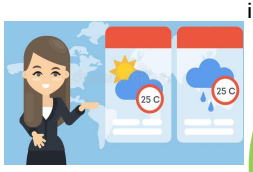
Summer 2
Mars Misson 2: using computer aided design to create 3D designs

Autumn 1
Search engines: how page rank works and how to identify inaccurate information.

Autumn 2
Animation: creating animations, storyboard ideas and decomposing a story

Spring 2
Programming Music: use music skills to create different sounds, beats and melodies online.

Summer 1
Mars Misson: Exploring how and why it transfers data including instructions, and how messages can be sent using binary code.



YEAR 5

Summer 2
Investigating weather: researching and storing data on spreadsheets and designing a weather station.

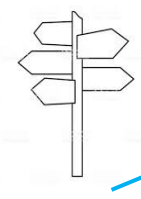
Spring 2
Scratch: Revisiting the key features and beginning to use 'variables' in code scripts.

Spring 1
Mircrobit: creating algorithms and programs that are used in the real world

Autumn 2
HTML: Learning about the mark-up language behind a webpage.

Autumn 1
Collaborative Learning: working collaboratively together online.

Summer 2
Networks and internet: Learning what a network is



Summer 1
Computational thinking: Solving problems effectively

Spring 2
Algorithms and debugging: Understanding what algorithms are and into to loops

Summer 2
International Space Station: showcasing everything they have learnt in year 1.

Spring 1
Website design: How web pages and sites are created

Autumn 2
Emailing: Looking at how to send emails.

Summer 1
Database: Learning to record, sort and filter data.

YEAR 4

Spring 2
Digital Literacy: creating a video trailer with special effects.

Autumn 1
Journey inside a computer: Creating paper versions of a computer

Spring 1
Scratch: Exploring Scratch.

Autumn 1
Computing system and networks: Learning how to use a mouse.

Autumn 2
Word Processing: Learning to use google docs.

Summer 1
Stop Motion: Learning how to create simple animation storyboards.

Summer 2
Rocket to the Moon: showcasing everything they have learned in year 1.

Spring 2
Digital Imagery: Taking and editing photos.

YEAR 3

Autumn 1
What is a computer: Exploring what a computer is and how it works.

Summer 1
Intro to data: Learning what data is and the different way it can be represented

Spring 1
Programming Bee-bots: Learning how to program a Bee-Bot around a place.

Autumn 2
Algorithms unplugged: why do instructions need to be specific.

Getting ready for Year 1

YEAR 2

Topic 2
Let's celebrate!

Topic 3
Around the world!

Topic 4
Once upon a time …

Topic 5
Amazing animals!

Topic 6
Fun at the Seaside!

Topic 1
Marvellous me!

Topic 5
People who help us

Topic 3
People from around the world

Topic 1
All about me

Topic 6
Animals

Topic 4
Growth

Topic 2
Homes

The beginning of a lifelong love of learning.

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