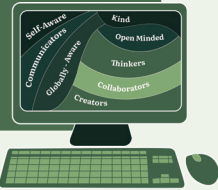




The Computing Curriculum Journey



“Computing with Heart: Creators, Thinkers, Citizens.”

Programming 1: All about Instructions

What are instructions and why do we need them?

World Computer Literacy Day

How can we give clear instructions to people or toys?

What happens if we change the order of instructions?

How can we check and fix our instructions if something goes wrong?

Computer Science week

Key subject skills this term:

Instruction Following Logical Reasoning
Intruction Giving Debugging

Computer Systems and Networks: Hardware

What is hardware and where can we find it?

Assessment

How do we use and look after hardware carefully?

Safer Internet Day

What different parts make up a computer or device?

What does each part of a computer or device do?

Key subject skills this term:

Camera Skills Technology
Hardware Exploration Awareness

Programming 2: Bee-Bots

What is a Bee-Bot and how can we make it move?

How can we give Bee-Bot clear instructions to reach a place?

Why does the order of instructions matter when using Bee-Bot?

How can we fix our instructions if Bee-Bot doesn't go where we want?

World Engineers Day

Key subject skills this term:

Logical Reasoning Programming
Instruction Following Debugging

Data Handling: Introduction to Data

What is data and where can we find it?

Global Accessibility Awareness Day

How can we show our data so others can understand it?

What can our data tell us?

How can we sort and group objects or information?

Key subject skills this term:

Data Sorting Beaching
Pictogram Creation Databases

Computer Systems: Using Computers

What is a computer and what can it help us to do?

What different parts of a computer can we use, and what do they do?

How do we use a computer safely and carefully?

How can we make things happen on a computer?

Key subject skills this term:

Keyboard Recognition Digital Art
Mouse Control Logging In

KI Kind

CO Collaborators

CM Communicators

TH Thinkers

SA Self-aware

GA Globally aware

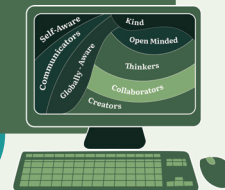
CR Creators

OM Open minded

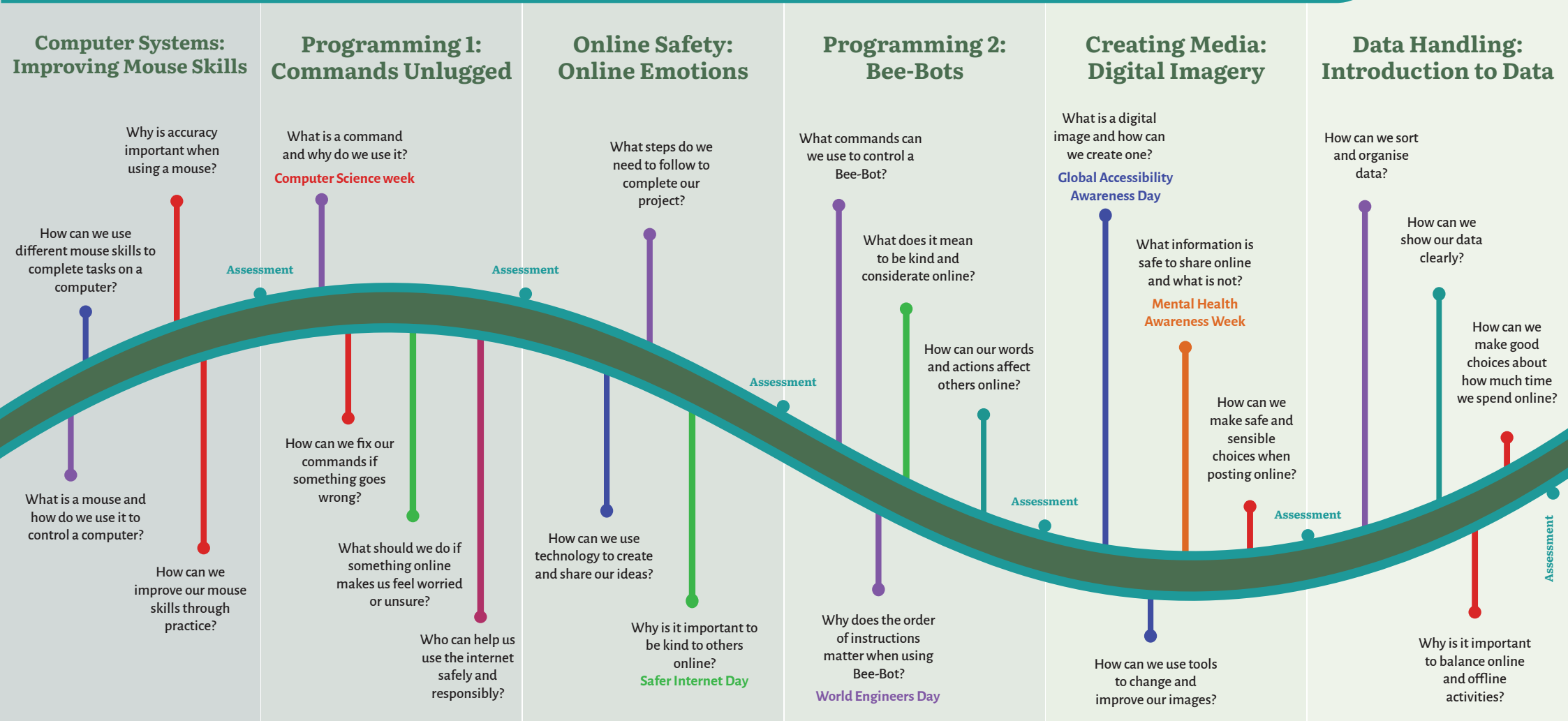
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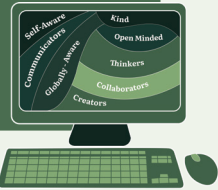
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Key subject skills this term: Account Management Keyboard Skills	Key subject skills this term: Mouse Control Connection	Key subject skills this term: Sequencing Instructions	Key subject skills this term: Internet Uses Online Connection	Key subject skills this term: Keyboard Skills Algorithm Design	Key subject skills this term: Online Safety Safe Interactions	Key subject skills this term: Programming Coding	Key subject skills this term: Algorithm Explanation Digital Empathy	Key subject skills this term: Graphic Editing Safe Searching	Key subject skills this term: Image Editing Digital Footprint	Key subject skills this term: Data Interpretation Data Representation	Key subject skills this term: Screen Balance
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