Medium Term Plan – Computing - Data Collection

N.C POS
- Use technology purposefully to create, organise, store, manipulate and retrieve digital content.
- Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet of other online technologies.

Concept: change, technology, invention, data

Strand/s of Computing met: Information technology and digital literacy

Prior Learning: Items or objects can be sorted into groups according to size, colour, shape, number etc

Core Knowledge- non-negotiable- specific knowledge must be identified here

- Understand what data is and why we might collect it.
- Understand how to collect and sort data.
- By itself raw data means nothing, but we can turn it into information.
- Data can be different - audio, visual (photos, videos) and text.
- Understand the different ways data can be collected.

Wider Influences
- Data is all around, in many different forms.
- We can use data to find out information about groups of people/things such as pets, favourite colours etc.
- Data can be used in different ways for example it can be used by research marketers who are trying to sell products to certain people

Enduring Understanding

- **To know that data is information and this information can be sorted into groups based on criteria.**
- **To know that data can be represented in different ways.**

Skills teaching: create a pictogram, then build to a digital tally and bar chart (**Use J2Data**).