Over Hall Community School	Year: R	Computing – Numerical Patterns

What should I already know?

- Verbally count beyond 20, recognising the pattern of the counting system.
- Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.
- Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.
- How to open a program on Purple Mash – 2Email, 2Conect, 2Create.

What will I know by the end of the unit?

How can I move a vehicle around a track?

- Move the different cars onto the road to match the outline shape of the car.
- Press the green arrow, the go button in the centre to see what happens.
- Add the cars to the road wherever you want to place them.
- Add a number to the vehicle.
- Match the correct number on the car to the lane the car should be in, 1-10.

How can I show someone what I have found out?

- Use 2Count to record information.
- Use 2Count to show which item is most or least popular.

How can I answer questions using Purple Mash?

- Open 2Quiz.
- Answer the questions set.
- Create my own quiz for someone else to answer.

Key Vocabulary – to use

Compare: Looking at what is the same and what is different.
Direction: The path that something travels. For example, a robot moving forwards, backwards or diagonal.
Left and Right: A position which relates to something. For example, make the fish move left of the screen. • **Route**: A path an object or thing takes to get somewhere.

Key Vocabulary – to hear

Data: A collection of information, used to help answer questions.
Record Results: Writing down what you have found out.
Question: A sentence written or spoken to find information..

Key Questions

- **How do I move the cars?** By matching the car outlines and numbers to the lanes then using the green 'Go' button'.
- **What is 2Count?** With 2Count you can record how many people like something and then look at the most or least popular results.
- **How do I answer questions?** Using 2 Quiz your teacher can set questions for you to answer using the keyboard. You can create your own quizzes for your friends.

Purple Mash Resources

- Maths City
- 2 Count
- 2 Quiz

purple mash

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