**Term 1: Tomorrow’s World**

**YEAR 6**

**Express**

Create a flow diagram to plan a podcast episode and break it down into segments. Include an introduction and up to 3 different topics.

Watch old clips of ‘Tomorrow’s World’ and compare then to now. Have any of the technologies actually happened.

**Homework**

Make a digital presentation about the web and include guidance for online safety.

Research and identify useful apps designed to help people with their spelling or times tables. Present it as a list of hyperlinks.

Learn about different codes, such as Morse code and write hidden messages to a friend.

Write a job advert to recruit a top spy. What skills and experience would they need.

**Develop**

Use the web to find out about computer malware, viruses, worms. Read recent reports on cyber-attacks.

Design and make a programmable device using a construction kit or found materials. Ensuring the device has a functional element.

Consider how robotics and assistive technologies might help humans learn and work in the future. List skills they think they’ll need in the future.

**PE**

Rugby skills – Monmouth rugby coaching.

Gymnastics – shapes, travelling, pair/group routines.

Focus: body tension

**Engage**

Fact files about people who have changed the world of technology, including Sir Tim Berners-Lee, Steve Jobs and Bill Gates.

Learn how to search effectively and safely by making sure websites are trustworthy. Look at spoof websites.

A digital timeline on the history of technology.

**Numeracy: TAPAS**

Decimal place value (Rounding)

Halving and doubling

Multiplication –

If I know… doubling 2x7 then 4x7/8x7.

Fractions

Add and subtract 3 digit multiples.

Represent data in the form of graphs and charts.

Use Median, Mean, Mode and Range.

**RE/SEAL**

Staying safe online

New beginnings

**Literacy**

Language and Literacy: **Unit 1**

Fiction: retelling narrative (legends)

Robin Hood and the Golden Arrow

Non-Fiction: Journalistic writing

The Sherwood Bugle, Good Day, TV interview

**Science Investigations**

Explain how light behaves and travels

Construct series circuits

Describe the relationship between voltage and the effect it can have

**Innovate – Let’s get creative!**

Invitation: Design a blog about our class and school to inform parents about what we have been doing in class.

**Welsh**

Ynys y Barri