



**Computing Topic:** Online safety and spreadsheets

**Year: 6 Term:** Autumn 2

### Key Knowledge/Content Online Safety:

- To identify benefits and risks of mobile devices broadcasting the location of the user/device.
- To identify secure sites by looking for privacy seals of approval.
- To identify the benefits and risks of giving personal information.
- To review the meaning of a digital footprint.
- To have a clear idea of appropriate online behaviour

### Key Knowledge/Content Spreadsheets:

- To use a spreadsheet to investigate the probability of the results of throwing many dice.
- To use a spreadsheet to calculate the discount and final prices in a sale.

### Links to:

#### Prior learning:

Using different types of databases and spreadsheets

#### Future learning:

Putting information into spreadsheets for a purpose.

### Key vocabulary with definition: Online Safety

#### New Vocabulary:

- Secure websites -Secure website have particular privacy features to look out for such as a padlock or https.
- PEGI rating -These show the age that digital content is suitable for and the type of content that it contains.

#### Prior Vocabulary

- Digital footprint -The information about a person that exists on the Internet as a result of their online activity.
- Password -A secret word, phrase or combination of letters, numbers and symbols that must be used to gain admission to a site or application such as a website.
- Spoof -An imitation of something that appears to look genuine

### Key vocabulary with definition: New Vocabulary

#### Spreadsheets:

- Formula Wizard -Helps a user create formulas which perform calculations on selected cells. For example, adding, multiplying, average, total.

#### Prior Vocabulary

- Rows -Boxes running horizontally in a spreadsheet.
- Data -A collection of information, especially facts or numbers, obtained by observation, questions or measurement to be analysed and used to help decision-making

## By the end of this unit

**All children:** **have** a good knowledge of the benefits and risks to working collaboratively and **demonstrate** an understanding of their responsibilities to others as well as themselves when communicating and sharing content.

**Most children can:** **identify** location sharing as a risk to online safety and **relate** this to the work they've done on protecting our identity and private information.

**Some children:** **have** a clear understanding of terms such as computer virus, location sharing, phishing, spam, scam and e-mail.

### Background understanding for teachers and parents:

Children have an understanding of how to use spreadsheets to investigate the probability of results. they are able to create calculations and represent money.

### Curriculum Driver (one):

Aspiration

#### Evidence outcome:

To understand that they can have aspirations in getting a data analysis job in the future.