Brough Primary School

## <u>Computing</u>

## <u>Long Term Plan 2023 - 2024</u>



**Digital Literacy** 

Information Technology

**Computer Science** 

| Subject              | Autumn 1   | Autumn 2   | Spring 1   | Spring 2  | Summer 1   | Summer 2  |
|----------------------|--|--|--|---|--|---|
| EYFS                 | To use a selection of<br>technology within<br>their provision areas<br>including: audio,<br>interactive board,<br>iPads/camera | To use a selection of<br>technology within<br>their provision areas<br>including: audio,<br>interactive board,<br>iPads/camera | To use a selection<br>of technology within<br>their provision areas<br>including: audio,<br>interactive board,<br>iPads/camera | To use a selection of<br>technology within<br>their provision areas<br>including: audio,<br>interactive board,<br>iPads/camera            | To explore<br>programmable toys<br>"Beebots" Simple<br>directional<br>language and<br>instructions.                                    | Visits to the IT<br>Suite.<br>Discuss safety in<br>the IT suite,<br>mouse, keyboard<br>etc<br>Provide log ins<br>Keeping Safe<br>Online (SCARF) |
| Year 1/2<br>(Year A) | Online Safety Project<br>Evolve Y1<br>"Managing Online<br>Information"<br>Digital Writing<br>(NCCE Y1)                         | Online Safety<br>Project Evolve Y1<br>"Self-image and<br>Identity"<br>Grouping Data<br>(NCCE Y1)                               | Safer Internet Day<br>Introduction to<br>Animation<br>(iPads) (NCCE Y1)  | Online Safety Project<br>Evolve Y1 "Online<br>Relationships"<br>Finding images using<br>the web<br>"We are collectors"<br>(RS 1.4)        | Online Safety<br>Project Evolve Y1<br>"Privacy and<br>Security"<br>Programming on<br>screen<br>"We are<br>astronauts"<br>(RS 2.1)      | Online Safety<br>Project Evolve Y1<br>"Online Bullying"<br>Photography<br>(NCCE Y2 or RS<br>2.3)  |
| Year 1/2<br>(Year B) | Online Safety Project<br>Evolve Y2 "Online<br>Relationships"<br>Digital Painting<br>(NCCE Y1)                                  | Online Safety<br>Project Evolve Y1<br>"Online Reputation"<br>Programmable Toys<br>"We are treasure<br>hunters"<br>(RS 1.1)     | Safer Internet Day<br>Programming using<br>Scratch Jr<br>(Y1 Twinkl Unit)<br>(iPads)   | Online Safety Project<br>Evolve Y1 "Copyright<br>and Ownership"<br>Using the internet for<br>research<br>"We are researchers"<br>(RS 2.4) | Online Safety<br>Project Evolve Y1<br>"Health Wellbeing<br>and Lifestyle"<br>Presentation Skills<br>-link to topic<br>(Y2 Twinkl Unit) | Online Safety<br>Project Evolve Y2<br>"Online Bullying"<br>Programming<br>using Scratch Jr<br>(Quizzes)<br>(NCCE Y2)                            |

Brough Primary School

**Digital Literacy** 

## **Computing**

## <u>Long Term Plan 2023 - 2024</u>



Information Technology

**Computer Science** 

| Year 3/4<br>(Year A) | Online Safety Project<br>Evolve Y3<br>"Managing Online<br>Information"<br>Connecting<br>computers<br>(NCCE Y3)                             | Online Safety<br>Project Evolve Y3<br>"Self-image and<br>Identity"<br>Sequencing sounds<br>(NCCE Y3)                            | Safer Internet Day<br>Creating a Vlog<br>"We are vloggers"<br>(RS 3.4)                          | Online Safety Project<br>Evolve Y3 "Online<br>Relationships"<br>Audio editing<br>(NCCE Y4)  | Online Safety<br>Project Evolve Y3<br>"Privacy and<br>Security"<br>Events & Actions<br>(NCCE Y3)   | Online Safety<br>Project Evolve Y3<br>"Online Bullying"<br>Collecting and<br>analysing data<br>"We are opinion<br>pollsters"<br>(RS 3.6) |
|----------------------|--|---|---|---|--|--|
| Year 3/4<br>(Year B) | Online Safety Project<br>Evolve Y4 "Online<br>Relationships"<br>Internet research &<br>communication<br>(Twinkl Unit Y3)                   | Online Safety<br>Project Evolve Y3<br>"Online Reputation"<br>Programming an<br>animation<br>"We are<br>programmers"<br>(RS 3.1) | Safer Internet Day<br>Collecting and<br>analysing data<br>"We are<br>communicators"<br>(RS 3.5) | Online Safety Project<br>Evolve Y3 "Copyright<br>and Ownership"<br>Stop frame animation<br>(iPads)<br>"Creating animation"<br>(NCCE Y3) | Online Safety<br>Project Evolve Y3<br>"Health Wellbeing<br>and Lifestyle"<br>Developing a<br>simple educational<br>game<br>"We are software<br>developers"<br>(RS 4.1) | Online Safety<br>Project Evolve Y4<br>"Online Bullying"<br>Producing digital<br>music<br>"We are<br>musicians"<br>(RS 4.3)               |
| Year 5/6<br>(Year B) | Online Safety Project<br>Evolve Y6 "Health<br>Wellbeing and<br>Lifestyle"<br>Communication &<br>workings of search<br>engines<br>(NCCE Y6) | Online Safety<br>Project Evolve Y6<br>"Online<br>Relationships"<br>Webpage creation<br>(NCCE Y6)                                | Safer Internet Day<br>Scratch Animated<br>Stories (Twinkl Y6)                                   | Online Safety Project<br>Evolve Y6 "Online<br>Reputation"<br>3D modelling (NCCE<br>Y6)  | Online Safety<br>Project Evolve Y6<br>"Copyright and<br>Ownership"<br>Game Design<br>CsFirst Y6  | Online Safety<br>Project Evolve Y6<br>"Online Bullying"<br>Google Applied<br>Digital Skills -<br>Create a Guide to<br>an Area            |
| Year 5/6<br>(Year A) | Online Safety Project<br>Evolve Y5 "Online<br>Reputation"  | Online Safety<br>Project Evolve Y5<br>"Self-image and   | Safer Internet Day<br>Vector drawing  | Online Safety Project<br>Evolve Y5 "Online<br>Relationships"  | Online Safety<br>Project Evolve Y5<br>"Privacy and   | Online Safety<br>Project Evolve Y5<br>"Online Bullying"  |

| Brough Primary School            | Computing  |           | Long Term Plan 2023 - 2024        |   | Boundary Color  |
|----------------------------------|--|-----------|-----------------------------------|---|---|
| Digital Literacy                 | Information Technology   |           | Computer Science                  |   |   |
| Sharing information<br>(NCCE Y5) | <mark>ldentity"</mark><br>Scratch: Developing<br>Games (Twinkl Y5) | (NCCE Y5) | Selection in quizzes<br>(NCCE Y5) | Security"<br>Introduction to<br>spreadsheets<br>(NCCE Y6) | Creating a virtual<br>space<br>"We are<br>architects"<br>(RS 5.6) |

Jelcome +