|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Video** | **Computer/Tablet – coding and programming** | **Unplugged – no device needed** | **Online Safety** |
| **NC** | *Recognise common uses of information technology beyond school* | *Use logical reasoning to predict the behaviour of simple programs*  *Create & debug simple program* | *Understand what algorithms are*  *Use logical reasoning to predict the behaviour of simple programs* | *Use technology safely & respectfully*  *Know how to keep personal information private* |
| **Wk 1** | **BBC Bitesize: What is a computer?**  <https://www.bbc.co.uk/bitesize/topics/zymykqt/articles/zc4x6sg> | **Barefoot Games: Sorting it Out!**  <https://barefootgames.org/sorting?ref=https://www.barefootcomputing.org/> | **Barefoot Computing Story Sequencing**  <https://www.barefootcomputing.org/docs/default-source/at-home/story_sequencing_full_pack.pdf?sfvrsn=395391ea_2> | **Common Sense Education**  **Do You Ever Feel…?**  <https://www.commonsense.org/education/videos/how-does-technology-make-you-feel> |
| **Wk 2** | **BBC Bitesize: How can computers help you learn?**  <https://www.bbc.co.uk/bitesize/topics/zymykqt/articles/zxbwjxs> | **Barefoot Games: Colourful Kits**  <https://barefootgames.org/colourful-kits?ref=https://www.barefootcomputing.org/> | **Barefoot Computing Human Robot**  <https://www.barefootcomputing.org/docs/default-source/at-home/human_robot_activity6fb9fddbdcfc6c779083ff0100ba3f46.pdf?sfvrsn=4a4591ea_0> | **Childnet: Digiduck’s Big Decision**  <https://www.childnet.com/resources/digiduck-stories/digiducks-big-decision> |
| **Wk 3** | **BBC Bitesize: What is computer code?**  <https://www.bbc.co.uk/bitesize/articles/zmp98xs> | **Code Studio Course Pre-Reader Express 2019 Lesson 1: Learning to Drag and Drop**  <https://studio.code.org/s/pre-express-2019/stage/1/puzzle/1> | **Barefoot Computing Creating Patterns**  <https://www.barefootcomputing.org/docs/default-source/at-home/creating_patterns_full_pack.pdf?sfvrsn=295391ea_2> | **Common Sense Education**  **Internet Traffic Light**  <https://www.commonsense.org/education/digital-citizenship/lesson/internet-traffic-light> |
| **Wk 4** | **BBC Bitesize: What is the internet?**  <https://www.bbc.co.uk/bitesize/topics/zymykqt/articles/zgwnsbk> | **Code Studio Course Pre-Reader Express 2019 Lesson 2: Sequencing with Scrat**  <https://studio.code.org/s/pre-express-2019/stage/2/puzzle/1> | **Barefoot Computing: House Patterns**  <https://www.barefootcomputing.org/docs/default-source/at-home/house_patterns_full_pack.pdf?sfvrsn=255391ea_2> | **Childnet: Digiduck’s Famous Friend**  <https://www.childnet.com/resources/digiduck-stories/digiducks-famous-friend> |
| **Wk 5** | **BBC Bitesize: How can you use the internet?**  <https://www.bbc.co.uk/bitesize/topics/zymykqt/articles/zgqfyrd> | **Code Studio Course Pre-Reader Express 2019 Lesson 3: Programming with Angry Birds**  <https://studio.code.org/s/pre-express-2019/stage/3/puzzle/1> | **Barefoot Computing Dance Moves**  <https://www.barefootcomputing.org/docs/default-source/at-home/dance_moves_full_pack.pdf?sfvrsn=dd5291ea_2> | **Common Sense Education**  **Balance is Important**  <https://www.commonsense.org/education/videos/media-balance-is-important> |
| **Wk 6** | **BBC Bitesize: How do people use computers at work?**  <https://www.bbc.co.uk/bitesize/topics/zymykqt/articles/zcmyvcw> | **Tynker Candy Quest**  <https://www.tynker.com/hour-of-code/candy-quest>  **Tynker Puppy Adventure**  <https://www.tynker.com/hour-of-code/puppy-adventure> | **Hello Ruby: Play**  **Emoji Time**  <https://www.helloruby.com/play/17> | **Common Sense Education**  **Saying Goodbye to Technology**  <https://www.commonsense.org/education/videos/saying-goodbye-to-technology> |
| **Extras**  **Hello Ruby: Play** – lots more unplugged activities here: <https://www.helloruby.com/play>  **Code Studio** – lots more coding lessons here: <https://code.org/student/elementary> | | | **Activities for families**  **Barefoot Computing Mini Missions**  <https://www.barefootcomputing.org/docs/default-source/at-home/mini-missions_online_resourcegrid.pdf> | |