

| Summer Term<br>Year 3<br>"Do Machines Dream of Electric Sheep?" |                    | Thinking Skills  |  |  |  |   |   |
|---|--------------------|--|--|--|--|---|---|
|   |                    | Knowing  | Understanding  | Applying   | Analysing  | Creating  | Evaluating  |
| Learning Style  | Verbal/<br>written | Design a menu for the Iron Man.<br>What materials would he like to eat?  | Imagine that you had a time machine. Describe your adventure forwards or backwards in time.  | Write a list of questions that you would ask a time traveller who had gone forward or backwards in time. | Imagine the Iron Man is charging around Kingston.<br>Design a "WANTED" poster for his capture. Include lots of detail. | Create a PowerPoint (or similar presentation) about magnets and magnetic materials.                   | Write a report about recycling.<br>How can we do more to;<br>REDUCE<br>REUSE<br>RECYCLE   |
|   | Maths              | Prepare a timeline to show the history of computers.   | Design a battle ship style game using co-ordinates.  | Use tessellation and/or 2D shapes to draw a robot.<br>Can you make it symmetrical?                       | Which materials in your home are magnetic?<br>Draw a table to record your results.<br>What did you find out?           | Research facts about magnets.<br>Devise a quiz for your friends about magnets and magnetic materials. | Keep a record of your family's recycling for the week.<br>Draw a graph to show your findings. What did you find out?  |
|   | Visual/<br>Spatial | Make a list of all the electrical devices used in your house each week. Use a pictogram to show how often each device is used. | Take photographs of household objects that you could use to create an Iron Man. You might like to put them together to show your design. | Design and create a robotic hand.<br>Demonstrate to the class how it works.                              | Draw a picture of an Iron Man. Annotate to show how he is made.  | Design and create your own 3D Iron Man.   | Watch the trailer for the movie Wall-E. What kind of friend would Wall-E like? Describe his new friend. Give reasons for your choices.                          |
|   | Musical            | Research and watch a Stomp video.<br>List some of the equipment they use to make music.  | Can you make a Stomp style melody using household materials?<br>Record your melody.  | Create your own Sci-Fi title tune on an electric keyboard, computer or similar.                          | Listen to the title tune from E.T by John Williams.<br>How does this music help create and build up suspense?          | Make your own music instruments from recycled materials that you have at home. e.g. drums.            | If you were on a space voyage, what sounds and noises would you miss from Planet Earth and why?   |
|   | Inter-personal     | Co-operate with a friend and create a 1-minute presentation about a famous inventor.   | Interview a friend or family member about their favourite Sci-Fi character.  | Make up a play about a time machine and perform it with your friends.                                    | Research a local inventor such as Trevor Bayliss.<br>Decide how to present your information to the class.              | Create your own poem/rap about the Iron Man.<br>Perform it for your friends or family.                | Discuss with your parents/carers or grandparents/older relatives how they think technology has made their lives easier or more difficult. Record your findings. |
|   | Your choice        |  |  |  |  |   |   |