

‘How To Improve The Future’ is a unit of work completed by the children in the first week of Summer 2, as part of a wider project aptly named ‘The People Project.’ This unit of work is designed to teach our children about an array of individuals who have a variety of protected characteristics and aims to give the children aspirational individuals within this curriculum subject who are groundbreaking, inspiring and embody the Langrish values: Ambition, Belonging and Curiosity. The children explore the individual or individuals during a PSHE lesson, learning why they are important to learn about (both their protected characteristics and their personal qualities) and then during either a computing or design technology lesson.



## How To Improve The Future

### (DT and Computing)

How we can help others

| Year group | Future improver                         | Protected characteristics  | How did they improve the future?  | PSHE task   | Computing/DT task                                |
|------------|---|--|---|---|--|
| EYFS       | Margaret Calvert (Designer)             | -South African<br>-White<br>-Woman                               | Designed safe road signs on motorways and across British roads            | Explored what a road sign does                        | Design own signs for outside area                |
| Year 1     | Grace Hopper (Computing)                | -American<br>-Older<br>-White<br>-Woman<br>-Married              | Pioneer in developing computer technology and computing language          | Fact file   | Make an alarm clock                              |
| Year 2     | Ada Lovelace (Computing)                | -British<br>-White<br>-Woman<br>-Mother<br>-Married              | First computer programmer in history                                      | Follow the algorithm which included crossing the road | Write your own algorithm                         |
| Year 3     | Lonnie Johnson (Designer and computing) | -Black<br>-Christian<br>-American<br>-Man<br>-Father<br>-Married | Invented the super soaker and thermo-electric energy converter            | Biography on Lonnie                                   | Design a push/pull machine                       |
| Year 4     | Vivienne Westwood (Designer)            | -British<br>-White<br>-Older<br>-Woman<br>-Married<br>-Mother    | Designer of sustainable fashion   | Explored age and environment                          | Design environmentally friendly clothing         |
| Year 5     | Alan Turing (Computing)                 | -Gay<br>-British<br>-White<br>-Male                              | Decoding German Enigma machines which helped win WW2                      | Create a timeline of Alan Turing’s life               | Decoding challenges to decipher a hidden message |
| Year 6     | Zaha Hadid (Designer)                   | -Iraqi<br>-Muslim<br>-Woman                                      | ‘Queen of Curve’ designed revolutionary designs in a male dominated world | Explore her life through LPBD book                    | Design own building                              |

### Final outcome

Every unit within the People Project has a final outcome, one of these being a book the children’s work in entered into, which captures some of the fabulous work the children produced.

For this unit, classes must produce a Ted Talk, discussing how to improve the future (linked to their individual).

**DIVERSITY**  
**EQUALITY &**  
**INCLUSION**