

Rendlesham Computing Curriculum

| | Key Stage 1 | | Lower KS2 | | Upper KS2 | |
|-------------------|---|---|---|--|---|--|
| Autumn 2023-24 | How does IT improve our world? Computing Systems and Networks - IT around us | Pencil or Keyboard? Digital Writing | How are we connected? Computer systems and networks | What's more important the question or the answer? Branching Databases | How is information shared? Computing Systems and Networks | How can you bring a model to life? Creating media- 3D Modelling |
| Spring 2023-24 | How did you get there? Moving a robot | What makes a good photograph? Digital Photography | How would you commemorate the life of a Significant Victorian? Animated Google Logo to Commemorate a historic figure . | When should you use desktop publishing? Desktop Publishing | What impact does change have? Variables in games | Paper or Screen? Digital literacy - Making eBook for Younger children. QR code creator for these. |
| Summer 2023-24 | How does grouping make life easier? Grouping data | How can we make vehicles move on screen? Introduction to animation | Can technology replace the piano? Sequence in Music | What happens if you make the wrong turn? Programming B - Events and Actions | Can technology replace maths? Databases | Does technology improve fitness? Sensing |
| Autumn 2024-25 | What is technology? Computing systems and networks – Technology around us | How does technology affect music? Creating Media- Making Music | How does the internet enable learning? Computer systems and networks- the internet | Can you bring a story to life? Creating media- Animations https://sketch.metademolab.com/canvas https://www.i2e.com/jit5#animate | How do we find what we want? Computer systems and networks- Communications | Could vectors improve Banksy's art? Vector drawing |
| Spring 2024-25 | How do you communicate with robots? Programming A - Robot algorithms | Paint brush or paint app? Creating media - Digital painting | Do I need to repeat myself? Programming A - Repetition in shapes | Can digital changes improve reality? Creating media - Photo editing | Do you always get out what you put in? Programming A - Selection in physical computing | Internet- Positive or negative? Use of web page to promote a message |
| Summer 2024-25 | What do the pictures tell us? Data and information - Pictograms https://www.i2e.com/jit5#pictogram | What happens next? Programming B - Introduction to quizzes | 'A camera never lies'- so does a podcast? Creating media - Audio editing | Is there value in repeating myself? Programming B - Repetition in games | Why edit? Creating media - Video editing | What if? What then? Programming B - Selection in quizzes |