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| **Core Knowledge Map** | | | |
| Subject: Computer Science | Year: 9 | | Term: 1.5 |
| What are we learning? | | | |
| How to create an app | | | |
| How will I be assessed | | | |
| There will be a checklist of things you have done, and a Word or PowerPoint document showing your research and the steps you took to design and create your app. | | | |
| Big questions: | | | |
| What are the key components of an app?  How is an app constructed and packaged for use? | | | |
| How does this build on previous learning? | | How will this link to my future learning? | |
| Topic carried over from last term  This will build on previous knowledge from block programming, image and text editing and critical thinking skills. | | This term will provide skills that will be used during GCSE years, but also are useful skills for building apps in an entrepreneurial or professional setting. We will also use some computational thinking, a skill useful to find innovative solutions to problems | |
| Core knowledge: | | Key vocabulary: | |
| Improving your app   * Home screen * Navigation * Map functions   How to create images and ‘assets’ to use in your app design   * Files, links and Images   Testing your app   * Peer feedback * Critical testing * Test data – what should you test?   Publishing your app   * How to use your app on a target device * Making your app work on different operating systems | | Application  App  GUI  Button  Action  Design  Table  User  Sprite  Code | |
| Need more help? | | | |
| 1. [Thunkable: Best no code app builder | No code app creation](https://thunkable.com/#/) 2. [How do you make a good app? - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/zf2f9j6/articles/zxgq7ty) | | | |