Laptop Unit iPad Unit

|  |  |  |  |  |  |  |  |  |  |  |  |  |  | **BSO Visit** | **BEBRAS Challenge window** | |  | | | | |
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|  | | **TERM 1.1 (8.5wks)** | | | | | | | | | **Half Term** | **TERM 1.2 (8.5Wks)** | | | | | | | | | **Xmas holiday** |
| **Year Group** | | **11/8/25**  **Thurs-Fri** | **18/8/25** | **25/8/25** | **1/9/25**  **Wed-Fri** | **8/9/25** | **15/9/25** | **22/9/25** | **29/9/25** | **6/10/25** | **20/10/25** | **27/10/25** | **3/11/25** | **10/11/25** | **17/11/25** | **24/11/25** | **1/12/25** | **8/12/25** | **15/12/24**  **Mon-Wed** |
| **Year 3** | | [Orientation](https://docs.google.com/presentation/d/1ZD5IklMAGGe6gEOTPQgZgmeY8kAvYo5PS48XAL1nsZE/edit?slide=id.g345269cfe3c_0_15#slide=id.g345269cfe3c_0_15%5C) | | [GAFE / Dig Cit (laptop)](https://docs.google.com/presentation/d/12yJiJeS_1k_Jj0KFZ4mf0HPWLdfGS2Jty5OuGSVaQxI/edit?usp=sharing)   * Browser set up * Joining classes * Skills focus on slides and docs * Combine image and text to create presentations | | | | Keynote: E-Book creation  [Slides](https://docs.google.com/presentation/d/1DjKwmm6WcqLQrtGimiyjZk6N8BaNXtFOQhd2NhIeiYM/edit?slide=id.p#slide=id.p)   * Combine image, text and sound to create presentations   Good lessons to settle in to Y3  Great planning sequence- stripped back but still have core concepts. | | | Sphero   * Play app with blocks * Maybe non-movement Edu activity   [Coding concept map here](https://docs.google.com/document/d/1TARiYgpREruremD-YvFDwvaJzCB2HOaJhnZBT9aQt4s/edit?tab=t.0) | | | **BEBRAS**  **Practice week** | **BEBRAS Challenge window** | [Lego We:Do](https://docs.google.com/presentation/d/1HHulEJXAIR0Tf7qv-RqJjtZjmYg6dJWnIOLSOCoJ140/edit?slide=id.g15e6d416d23_0_2853#slide=id.g15e6d416d23_0_2853)   * Use, modify and create a program to solve a problem using a hardware. | | | |
| **Year 4** | | TinkerCAD: [Maze Project](https://docs.google.com/presentation/d/10C7FeeTL2SLjH8UbBrQQEe-o6VK4PryJq5wTGWe1OGc/edit?slide=id.g284886550b8_0_0#slide=id.g284886550b8_0_0) (laptop)   * 3D printed maze to specification (3wks)\_ * Insert into Co-Space and make collaborative (3wks) * Extension: Print/ web media product advert for maze | | | | | | | [App Design: Keynote - House App](https://docs.google.com/presentation/d/1_EiuxkJyXPgJYWWU6bN0gS6LLRq44nom8w8NQE4Kb2A/edit?slide=id.g3772e59f2bc_0_0#slide=id.g3772e59f2bc_0_0)  School Ipads  Nice to have a purpose but remind them only basic prototype so only really needs 3 or 4 lessons | | | [Sphero](https://docs.google.com/presentation/d/1EyN_Vn8nvLBDAEWHrWqTwTX1Cu_IWlxMPJRVhj6ARNg/edit?slide=id.p#slide=id.p)- School ipads  [Coding concept map here](https://docs.google.com/document/d/1TARiYgpREruremD-YvFDwvaJzCB2HOaJhnZBT9aQt4s/edit?tab=t.0) | | | |
| **Year 5** | | [Co-Spaces (Laptop)](https://drive.google.com/drive/u/0/folders/1TjpXp0p9BMcjNg6KkuVUTvmP4i4BxVBV)  Mission to Mars IPC (exploring physics?)   * Exploring physics engines (velocity & gravity) * Parallel programming * Event handlers * Lists * Functions | | | | | | | [Podcasting on Garage Band](https://docs.google.com/presentation/d/1I7zEex91BZQuHm1VzH_lj10022Ar4XFzULrVAfknWIg/edit?slide=id.g377ba9c1782_0_0#slide=id.g377ba9c1782_0_0)  [Seesaw Task](https://app.seesaw.me/pages/shared_activity?prompt_id=prompt.f4cfcd99-e83e-41c7-94ea-8f3240648c8a&share_token=ht5F9pOuTjisfObCAJz3iQ)   * Capture, edit and manipulate audio and video to create digital content for an audience.   Run this after BEBRAS if you are second rotation- planning needs adapting  This unit has taken longer than expected, it shouldn’t be a short unit in it’s current form.  Student’s group working skills are not at the appropriate level for efficient self regulation during project work- move to back end of the term. | | | [Sphero- School ipads](https://drive.google.com/drive/u/0/folders/1TbqBWBMZxPqBTZcb12xfoo12PBuWNM_Q)  [Coding concept map here](https://docs.google.com/document/d/1TARiYgpREruremD-YvFDwvaJzCB2HOaJhnZBT9aQt4s/edit?tab=t.0) | | | |
| **Year 6** | | [Co-Spaces to (Laptop)](https://docs.google.com/presentation/d/1PvslwHCxDjK9zHyXMDr7DBg4_I4OUlCkuUhtGH3TLko/edit?slide=id.g37b972cb628_0_15#slide=id.g37b972cb628_0_15)   * **Design, write, and debug programs** that accomplish specific goals. * **Use sequence, selection, repetition, variables, and inputs/outputs** effectively in coding projects.   [Seesaw Task here](https://app.seesaw.me/pages/shared_activity?prompt_id=prompt.a957f5d8-357f-4be2-94e3-f4c1c58edbe9&share_token=36engRM9SzGyx6kNy2mVyg) | | | | | | | [Sphero Robotics: Code blocks](https://drive.google.com/drive/u/0/folders/1TbqBWBMZxPqBTZcb12xfoo12PBuWNM_Q)  [Coding concept map here](https://docs.google.com/document/d/1TARiYgpREruremD-YvFDwvaJzCB2HOaJhnZBT9aQt4s/edit?tab=t.0) | | | [Sphero Robotics: Code blocks](https://drive.google.com/drive/u/0/folders/1TbqBWBMZxPqBTZcb12xfoo12PBuWNM_Q)  [Coding concept map here](https://docs.google.com/document/d/1TARiYgpREruremD-YvFDwvaJzCB2HOaJhnZBT9aQt4s/edit?tab=t.0) | | | |

|  |  |  | **International Week** |  |  | **Tet Celebration 5-6th** |  | | **GL & Trip Weeks (loss of one room)** | | |  |  |  | |  | | | | | | | | |
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|  | | **TERM 2.1 (5Wks)** | | | | | **TET Holidays** | **TERM 2.2 (8Wks)** | | | | | | | | **Easter Holidays** | **TERM 3 (7Wks)** | | | | | | | **End of Year** |
| **Year Group** | | **5/1/26**  **Tue-Fri** | **12/1/26** | **19/1/26** | **26/1/26** | **2/2/26** | **23/2/26**  **Wed-Fri** | **2/3/26** | **9/3/26** | **16/3/26** | **23/3/26** | **30/3/26** | **6/4/26** | **13/4/26** | **4/5/26** | **11/5/26** | **18/5/26** | **25/5/26** | **1/6/26** | **8/6/26** | **15/6/26** |
| **Year 3** | | Dig Cit | **On timetable** | Coursel: Debugging, Un-plugged, computational thinking and Dig Cit | | | TinkerCAD Keyrings or similar (ipad compatible, no app required) | | | | | Co-Spaces Local editor (no Sign in)  Basic coding concepts, scaled back version of this year’s Y4 unit | | | Stop Motion skills | | | | Sprite lab/ code.org | | |
| **Year 4** | | Dig CIt: Gen AI & photo manipulation | Dig CIt: Gen AI & photo manipulation   * How it works * Application and creation * Ethics and risks | | | Sprite Lab. [code.org](http://code.org) (ipad compatible,no app required)  Game creation- insert garage band music later | | | | Music Production: Garage Band  Linked to previous unit | | | | Physical computing: Microbit & Cutebot | | | | Video editing skills | | |
| **Year 5** | | Machine learning/ AI Dig Cit AREs | Machine learning/ AI Dig Cit AREs   * How it uses data * Train a machine to complete tasks * Ethics and risk of data harvesting and AI | | | Make Code Arcade (ipad compatible, no app required)  BYOD | | | | [EV3 Robotics](https://docs.google.com/presentation/d/13HydrrpCMlp3Zt2Dy2SEJCzYO3Ai2hZBKj_H-m1NECY/edit?slide=id.p1#slide=id.p1) (going to change planning to add in claw?) | | | | Advertising campaign: Create a podcast reviewing the new product which they will create on TinkerCAD   * Bad Lab: music for advert (paired laptop) * TinkerCAD * Imovie * Extension: Print based media | | | | | | |
| **Year 6** | | Dig Cit | Laser Cutting- SVG files produced on canva via iPad or Laptop | | | Enterprise project- Project based learning covering all multimedia AREs.   * Print based media * Audio production- podcast * Video production- Advertising campaign * 3D Modelling and VR (All students take away 3D printed token) * Laser cutting- business tokens * App design for business idea | | | | | | | | Unit A: Physical computing (Microbit inventors kit- STEAM adventure)  Unit B: Ev3 Robotics (Solving real world problems) | | | | | | |