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| **Holy Trinity C of E Primary School**  **School Improvement 2023-24** | | | | | | |
| **Subject** | **Computing** | | | | | |
| **Staff** | **Kate Ridley** | | | | | |
| **Strategic Subject Intent** | | **Intended Impact** | | | | |
| We recognise that our children are citizens of the digital age, and we intend to provide them with the skills and concepts needed to thrive in a future that is increasingly dependent on **computational thinking** and **creativity.** Our high-quality computing education equips pupils to use computational thinking and creativity to understand and change the world. Our curriculum enables children to use the **internet** in a **safe** and **respectful** way, as well as understanding how and where to seek help and support. To **write** and **debug** **code** successfully and with confidence; **analysing** **problems** in **computational** **terms.** To **competently** and **creatively** use **information** **communication** **technology** and recognise the use of technology in the wider world. | | * Curriculum is sequenced carefully considering a progression in knowledge and skills. * Children recognise use of technology beyond school and how technology has changed our lives. * Teaching approach is considered to help children to remember more (including consideration of discrete and cross-curricular opportunities) * Curriculum lead links with local CAS communities and DLT Hartlepool for CPD opportunities. | | | | |
| **Subject Implementation**  **SMART targets** | | **Linked personnel** | **RAG** | | | **Comments** |
| **Autumn** | **Spring** | **Summer** |
| **Autumn 1**  To support new staff with Computing curriculum. Time needed to go through the curriculum topics and ensure staff are comfortable delivering curriculum. Complete staff voice before staff meeting time to ensure meeting is useful for all. | | Computing lead  All teaching staff |  |  |  | **Autumn**  Need to plan staff meeting time and collect staff voice.  **Spring**  Need to plan staff meeting time and collect staff voice.  **Summer**  Staff voice required again due to change over of staff at Holy Trinity. New staff voice for September/new academic year. |
| **Spring 2**  To invite the Digital Learning Team (Hartlepool) to come in and deliver staff training with Digital Literacy curriculum or Lego building. | | Computing lead  All teaching staff |  |  |  | **Autumn**  Have emailed – no reply.  **Spring**  Need to find a different contact for DLT. Not sure if they are still working together.  **Summer**  No response from Digital Learning Team. Could academy support with specialist for lego kits? |
| **Autumn 1**  To identify Digital Leader team for this academic year and have badges for children. The team will be responsible for running a club in school for Year 1 during a lunchtime. Computing lead to monitor club and meet with the team once a half term. | | KS2 children (year 4 and year 5)  Year 1 children (6) |  |  |  | **Autumn**  Children identified from Y3/4/5 who support in school and will plan club for Autumn 2.  **Spring**  Club with Y1 children going well with a focus on coding (Busy Things and BeeBot). The digital leaders are enjoying their role in school and will think about changing their club role for the remainder for the academic year.  **Summer**  Digital Leaders are established and run the club well to groups of year 1 each week. Children would like to involve use of Beebots and Lego kits if possible. Refine amount of Leaders to just current Y4. |
| **Summer 2**  Get involved in Lego Building competition (bid for purchase of Lego kits: Spike and Coding Express EYFS). Computing lead to upskill for teaching with Lego kits, download apps in school to support children with their building and learning. | | Computing lead  All teaching staff  Digital Leader team |  |  |  | **Autumn**  Funding acquired.  **Spring**  No order made due to lack of CPD/expertise with expensive purchase. Had hoped DLT could support with this, will reach out to other contacts.  **Summer**  Lego Kits have been purchased. Need specialist support of how to use Lego Kits within school. |
| **Summer 2**  Computing lead to talk to children throughout academic year – how is the subject going? | | Pupil voice  Computing lead |  |  |  | **Autumn**  Pupil voice complete. Questions asked to whole school during worship to gather thoughts and ideas as well.  **Spring**  To change focus of questions and gather pupil voice again. |
| **Funding & Resources**  **Cost (Time & Money)** | | | **Links to Academy Council** | | | |
| **Time**   * Staff meeting time to discuss and upskill with existing computing curriculum * Staff meeting for Digital Learning Team (Hartlepool) * To learn more about Lego building, enter competition * To update Computing curriculum with developments   **Money**   * Digital Leader badges for children £30 * Lego kit bid (approx. £220-250 per kit) * Beebot/Bluebot replacement £500 per kit (6) * Application licenses £200 | | |  | | | |
| **Evaluation** | | | | | | |
| Staff meeting time will be required to support staff after changes to Holy Trinity staffing for next year.  Need to find alternative support to DLT Hartlepool.  Time needed to learn more about teaching with Lego Kits in school. | | | | | | |