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| **Spring Term Year 4**  **All subjects are directly linked to the National Curriculum’s programmes of study.** | | | |
| **African Adventures** | | | |
| **Computing** | **MFL** | **PE** | **PSHRE** |
| **Programming and Algorithms**  **Subject Endpoints**  **Skills**  Understand that a computer program runs sequentially.  Discuss what a program does based on its code.  Break down a problem into its smaller steps.  Plan what needs to be written for each stage.  Write a computer program containing a loop, conditionals and variables.  Show care and precision to avoid errors.  Use some terminology for loops and selection when discussing an algorithm.  To discuss sort and search algorithms.  **Knowledge**  Create a program which includes sequence, selection and repetition.  Use logical reasoning to detect and correct errors in algorithms and programs.  Explore the effect of changing the variables in simulations.  Debug a program after testing it.  Write an algorithm for a task.  Debug an algorithm after testing it.  Evaluate the efficiency of an algorithm.  Record a more complex algorithm using a flowchart.  **Finding Out**  **Subject Endpoints**  **Skills**  Use a spreadsheet program to automatically create charts and graphs from data.  Use the ‘more than’, ‘less than’ and ‘equals’ tools to compare different numbers and help to work out solutions to calculations.  Describe a cell location in a spreadsheet using the notation of a letter for the column followed by a number for the row.  Add a formula to a cell to automatically make a calculation in that cell.  **Knowledge**  To use data to interpret and answer a specific question.  Make practical use of a spreadsheet.  Store and access data using a database.  Turn questions into search criteria and use database tools to find answers.  Represent data in a database using appropriate data types.  **Online Safety**  We follow ‘Education for a Connected World’.  **Subject Endpoints**  **Skills**  To have strategies for protecting personal content and crediting the rights of others as well as addressing potential consequences of illegal access, download and distribution.  Privacy and Security  **Knowledge**  To know how personal online information can be used, stored, processed and shared.  Develop both behavioural and technical strategies to limit impact on privacy and protect data and systems against compromise | **Subject Endpoints**  **Skills**  Identify words/short phrases and recognise/compare different sounds.  Ask and answer a wider range of questions.  Memorise and present a short spoken text.  Read and understand a range of familiar written phrases.  Read a wider range of words, phrases and sentences aloud.  Write some familiar words and phrases without help.  **Knowledge**  Discuss festivals and celebrations in different cultures.  Compare aspects of everyday life at home and abroad.  Identify similarities in some traditional stories. | **Develop flexibility, strength, technique, control and balance: Athletic Activities (Gymnastics).**  **Subject Endpoints**  **Skills**  Improve the height achieved from a vertical jump with a standing start position.  Improve in a range of physical activities focused on improving agility, control and balance.  Collaborate and compete with others in pursuit of personal bests.  Develop agility, balance and co-ordination skills.  **Knowledge**  Compare performances with previous ones and demonstrate improvement to achieve their personal best.  **Sports Hall Athletics**  **Subject Endpoints**  **Skills**  Learn how to combine a hop, step and jump to perform the standing triple jump. Land safely and with control. Begin to measure the distance jumped.  Perform a pull throw. Measure the distance of their throws. Continue to develop techniques to throw for increased distance.  Perform and apply skills and techniques with control and accuracy.  **Knowledge**  Take part in a range of competitive games and activities.  Watch, describe and evaluate the effectiveness of performances, giving ideas for improvements. Modify their use of skills or techniques to achieve a better result. | **Relationships- VIPs (Very Important Persons)**    **Subject Endpoints**  **Skills**  Develop friendship skills.  Being considerate.  To be able to form and maintain friendships.  Resolve conflicts peacefully.  Develop strategies to deal with bullying.  **Knowledge**  Identify the impact their actions have on others.  To use coping strategies.  To maintain friendships using learned skills. |