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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. |