*Brackenwood Junior School*

*Learning Links Spring 2020*

*Year 5*

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| English | ReadingChildren will be given a broad range of opportunity to practise and enhance reading skills including: Text familiarisation tasksReciprocal readingReading Comprehension1:1 reading opportunities Whole class readingWritingThe children will develop their writing skills through a range of genres. These include:* Narrative
* Stories from other cultures
* Poetry
* Non-chronological reports
* Recounts
* Journalistic writing

Spelling patterns and strategies will be taught with weekly sessions of Babcock spelling.Speaking and Listening Speaking and listening skills will be developed through class discussion and opportunities to share and present work.  |
| Maths | We have fortnightly arithmetic tests, which we use to inform the daily arithmetic part of the sessions.Mental maths and reasoning are part of our daily lessons and children are expected to use these skills in all aspects of maths. Each term, children will be taught aspects of:* Place value
* Partitioning and calculating
* A range of methods for the four rules of number
* Estimating and rounding
* Multiplying/dividing by 10, 100 and 1000
* Using inverse operations to solve problems
* Improving mental calculation strategies
* Shape
* Data Handling
* Fractions, decimals and percentages
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| Science | SpaceForces Circle of lifeThe main focus of each topic is planning and executing scientific investigations, as well as factual knowledge and understanding of the areas covered. |
| Theme: SpaceDesign and TechnologyArt and DesignMusicHistory | Design and TechnologyUse a range of tools and equipment to perform practical tasks such as cutting and joining accurately to design and make a Space rocket. Evaluate work against design brief and make suggestions about improvements.  |
| Art and designUse sketch books to record observations and review ideas. Improve mastery in drawing technique. Design and make a wire spaceman sculpture. Create a rocket picture in the style of Peter Thorpe. |
| Music Begin to understand and use musical notations when composing. Listen to, appreciate and interpret music by well-known composers. |

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| Computing | ComputingCo-spaces to build our own VR worlds. Use stop-motion and create own alien animations.Use of ‘Hour of Code’ programing.  |
| Religious Education | This terms topics are:* Christianity (using Bible stories to illustrate good values)
* The Easter Story
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| Physical Education | Outdoor games (Taught by the class teacher and Premier sports coaches)Multi-skills development – invasion in a team (hockey and ball skills, including football skills) using an increasing range of techniques when controlling and passing a ball, playing games with a competitive element, developing communication skills for teamwork, developing a tactical approach to attacking and defending, developing empathy within competitive games.Indoor GamesGymnastics – development of sequences, balances and routines. |
| Personal, Social and Health Education | Jigsaw* Dreams and goals: key themes include dream lifestyle, jobs and careers, dreams and goals of young people in a culture different to mine, supporting each other to meet aspirations.
* Healthy me: risks of smoking and alcohol, understanding basic emergency aid procedures, body image and the media, relationships with food and eating disorders, healthy lifestyles including healthy eating.
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