Amazing Maze 'n Maize Teaching Units

Level	Curriculum Learning Area	Unit Title	Summary of Unit
Four (Years 7 – 8)	Social Sciences • The Economic World • Social Inquiry	1. The Production and Uses of Maize	1. The children will learn about the maize plant, the production procedures and uses of maize. They will also look at the correct conditions for growing maize and what happens if these are not met.
		2. History of Mazes	2. Looks at what a Maze is, their purpose and from where they originated. They also look at different types of mazes including modern day mazes. They will learn how the Amazing Maze n' Maize is created.
		3. Adventure Tourism	3. The children look at what part tourism plays to a local economy and will learn how farms can tap into this market. They then take a closer look at adventure tourism in their local area and where the Amazing Maze n' Maize fits into this.
	Arts • Visual Arts • Dance	1. Scarecrow Making (Education for Sustainability focus)	1. Children will learn about the use of scarecrows. The children can make a scarecrow using recyclable materials (EfS).
		2. Maize Dance	2. Children will produce a dance in groups or as a whole class showing the production of maize and using different dance elements.
		3. 3-D Art – Optical Illusions	3. After experiencing what optical illusions are, the children will create some 3 – D paintings and try to create their own optical illusions.
	Science • Living World • Nature of Science	1. The Production and Uses of Maize	1. The children will learn about the maize plant, the production procedures and uses of maize. They will also look at the correct conditions for growing maize and what happens if these are not met.
		2. Grow a Grass Maze	2. Looks at how seeds germinate and grow and make a grass maze. Experiment with what would be the best grass / plant to make a maze.
	Mathematics and Statistics • Number and Algebra • Geometry and Measurement	1. NUMP + - Calculations	1. A series of NUMP calculations using maize involving whole numbers, fractions, simple decimals, percentages and using a range of additive and multiplication strategies
		2. Measuring Up	2. The children will learn about measuring distances covered in a maze and measure the heights of different maize plants. They learn to calculate perimeter and areas of the paddock covered in Maize.
		3. Navigating through a Maze	3. The children use a compass and write the coordinates through a maze and then guide a partner through this maze. Look at GPS and their use.
		4. Grow a Grass Maze	4. Grow a grass maze and map out their pattern for this maze using coordinates and grid references, transfer this onto their grass maize.
	English • Speaking, Writing, Presenting	1. Recount a field trip to the Amazing Maze n' Maize	1. The children will plan and write a story about what they saw and did on their trip using related vocabulary.
		2. Letter writing	2. The children will look at the correct letter format and write a thank you letter to someone who participated in the trip.
		3. Amazing Poetry	3. The children will brainstorm as many words as possible from their trip and turn this into a variety of Amazing Poems

	Health and Physical Education • Personal Health and Physical Development • Movement Concepts and Motor Skills	1. Old fashioned outdoor games, e.g. Tug o war, sack races, walking planks. Along with a fitness challenge. 2. Safety Review	1. The children will play a variety of old fashion games including a fitness activity learning about teamwork and helping each other to achieve the same goal. 2. The children will identify some risks they may encounter while at the Amazing Maze n' Maize and think about what strategies they can do to reduce these risks then write their own Risk Analysis for these.
	Technology • Technological Practice	1. The Production and Uses of Maize 2. How technology has influenced productivity 3. Navigating through a Maze	1. The children will learn about the maize plant, the production procedures and uses of maize. They will also look at the correct conditions for growing maize and what happens if these are not met. 2. This focuses on the different machinery used during production and how this has changed over time and what changes may occur in the future. 3. The children use a compass and write the coordinates through a maze and then guide a partner through this maze. Look at GPS and its use and how this technology has helped people navigate.