



The Peace Maze

Education Pack

Mathematics

Key Stage 1

P1 & 2

Activity Workbook

Name:

School:

Class:

Peace Maze
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Teacher

Peace Maze

Mathematics - Key Stage 1

Introduction

The majority of Key Stage 1 pupils will be familiar with the concept of mazes, through puzzles in comics, the reading of anthologies of myths and legends and the playing of computer games.

The Peace Maze at Castlewellan Forest Park presents pupils with an opportunity of diverse mathematical experiences, which involve the pupils in different modes of learning and capture their imagination.

Aims

To provide an enjoyable way of doing maths and at the same time make maths more meaningful by making it more relevant to practical situations.

To incorporate within the exercises and activities in the Peace Maze maths package, attainment targets of the programmes of study of the Northern Ireland Curriculum for Key Stage 1 Mathematics.

Peace Maze Key Stage 1 Mathematics Package consists of:

P1 & P2

1. Peace Maze Activity Workbook (teacher guidance)

P3 & P4

1. Peace Maze Pre-visit Workbook
2. Peace Maze Activity (visit) Workbook
3. Peace Maze Post-visit Workbook

The P3 & P4 workbooks can be done individually, as a group exercise, or be completed step by step with teacher guidance. Each workbook should take approximately 30 minutes to complete. Many of the exercises in the workbooks can be adapted and/or expanded to suit the individual needs of the pupils. Teachers may select appropriate ability levels of sheets for their pupils to work on.

Curriculum content

Pupils are involved in different modes of learning including exploring, investigating, recording, doing and observing. These activities encourage pupils to develop their mental mathematics skills, their ability to tackle problems, as well as developing different approaches to solving problems.

The addition and multiplication of currency and measurement helps pupils to develop their mathematical processes through practical tasks in solving real-life problems. Opportunities are also presented to understand the operations of addition, subtraction, multiplication and division in problem solving.

The activities in the Peace Maze workbooks help to develop a pupil's self esteem, encourage creative thinking skills, decision making skills and present the challenge of spatial problems. They also give pupils an opportunity to formulate opinions and to assess and interpret situations.

Curriculum Advisory and Support Service (CASS)

Lyn Irwin and the Key Stage 1 & 2 Mathematics team of the Curriculum Advisory and Support Service of the South Eastern Education and Library Board provided continuous guidance, advice, encouragement and support during the development of the Peace Maze mathematics packages.

For further information contact Castlewellan Forest Park (ph.028 4377 2252)

Welcome to the Peace Maze

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The Peace Maze at Castlewellan Forest Park is the largest hedge maze in the world.

It was created to celebrate the signing of the Good Friday Agreement.

The design of the Peace Maze is based upon competition entries from over 4,000 school children throughout Northern Ireland.

The Peace Maze is a symbol of the challenging road to peace for the people of Northern Ireland.

...

The Bell Maze

This is the Bell Maze.

The path is white and the hedge is black.

Can you find your way by path to the bell in the centre of the maze?



Mark your route with a coloured pen or pencil.

Turn left at the entrance to the Peace Maze
and find your way to the

high Rickety Bridge



How many steps do you have to climb to get on to
the high Rickety Bridge? 6 8 10

(TICK YOUR ANSWERS)

Can you see the Rocky Road from the high
Rickety Bridge?

YES

NO

Now go to the low Rickety Bridge



What shape are the upright wooden posts used to
build the low Rickety Bridge?

cube

cuboid

cylinder

Go to the
The Rocky Road



The Rocky Road has large stones of granite.
The granite comes from the Mourne Mountains.
Can you see the Mourne Mountains from the Rocky Road? YES NO (TICK YOUR ANSWERS)

What colour are the granite stones?

BLACK GREY WHITE SPECKLED

What do the granite stones feel like?

HARD SOFT ROUGH SMOOTH

Walk along the Rocky Road; what word describes the sound your feet make on the gravel?

CRASH! CRUNCH! CRACKLE!

Can you walk quietly on the Rocky Road? YES NO

The Peace Maze Hedge is made of 6,000

Yew Trees

With your hand
gently feel the
leaves (needles)
of a yew tree



Pick a word to describe what the needles of
the yew tree feel like?

PRICKLY **SOFT** **SMOOTH** **ROUGH**

(TICK YOUR ANSWER)

What colour are the yew trees?

BROWN **GREEN** **YELLOW** **ORANGE**

(TICK YOUR ANSWER)

Is the Yew hedge;

taller than you?

YES

NO

(TICK YOUR ANSWER)

smaller than you?

YES

NO

Use your workbook to measure the height of the
Yew hedge.

How many workbooks tall is it?



Find your way to the centre of the
Peace Maze



Ring the Peace Bell once to let everyone know that you have reached the centre.

With your group join hands and form a circle around the Peace Bell.

Estimate how many people are in the circle?

10 **20** **30** **40** (TICK YOUR ANSWERS)

Do you think the Peace Bell would fit through your classroom door?

YES

NO

Look out from the Peace Maze centre.

What is the tallest thing you can see?

MOUNTAINS

A CHURCH STEEPLE

A FACTORY CHIMNEY

TREES

What is the furthest away thing you can see?

THE IRISH SEA

MOUNTAINS

FIELDS

TREES

SKY

Your Maze

Now that you have visited the Peace Maze perhaps you would like to design your own maze.

