



AUSSIE
WORLD

UNREAL EXCURSIONS

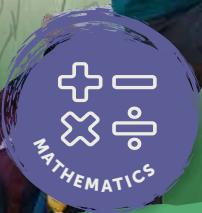
PROGRAM OVERVIEW FOR TEACHERS

THEME PARK DETECTIVES

MEASURING, MAPPING AND
MAKING SENSE OF AUSSIE WORLD



The
Science
of Fun!



AUSTRALIAN
CURRICULUM
ALIGNED

HANDS-ON
LEARNING

ENGAGING
AND FUN

SAFE AND
EDUCATIONAL



THEME PARK DETECTIVES

MEASURING, MAPPING AND MAKING SENSE OF AUSSIE WORLD

Program Overview:

Aussie World's 'Theme Park Data Detectives' excursion turns students into real-world researchers by using the theme park as a living data collection site! Students investigate how mathematics and science skills are used every day in places like amusement parks by gathering, recording, organising and analysing real information from their surroundings.

In this self-guided activity, teachers supervise groups of students as they rotate through a series of engaging data stations across the park where they measure wait times, conduct surveys, count ride usage and map key locations. They then use their results to create graphs, identify trends and draw conclusions.

This learning experience is carefully designed to support the Australian Curriculum, providing engaging, curriculum-aligned learning that connects classroom maths and science skills to real-world applications.

What students will explore:

At four investigation stations, students will investigate:

- Ride Queue Date
- Measure and record wait times
- Compare how wait times change across rides and time of day
- Predict which rides will have the longest queue
- Ride Exit Survey Station
- Conduct simple surveys about favourite rides
- Record and tally results
- Compare student preferences and identify popular attractions
- Park Crowd Count Station
- Count visitors entering or using selected ride areas
- Investigate patterns in crowd movement and ride popularity
- Explore how theme parks use counting data to manage safety and staffing
- Map and Location Station
- Use park maps to record station locations
- Measure distances between rides and areas
- Create simple maps or coordinate-style location recordings

Each station features structured activities designed to suit Grade 3 -6 with opportunities for prediction, observation, data collection, recording, graphing, explanation and reflection.

Curriculum Alignment:

This program aligns with the Australian Curriculum Version 9.0 across Science and Mathematics.

Science

Students explore:

- Scientific inquiry skills including questioning, predicting and investigating real-world situations
- Collecting, recording and interpreting data to identify patterns and trends
- Using evidence to draw conclusions and explain findings

Mathematics

Students explore:

- Collect, organise and represent data using tables, tallies and simple graphs
- Measure and compare time, distance and quantity in real-world contexts
- Use estimation, counting and spatial reasoning when mapping and navigating
- Interpret data to identify patterns, trends and relationships

General Capabilities

This program supports:

- Critical and creative thinking
- Numeracy
- Problem solving through real-world data investigation

This program is designed to support Science Inquiry Skills and Mathematics across Grade 3 – 6 in the Australian Curriculum Version 9.0 through engaging real-world STEM learning experiences.

STEM learning experiences