



## Wet'n'Wild Hawaii – Activity Trail

Treat your students to an educational excursion where motivation is linked to media.

A day at Wet'n'Wild Hawaii theme park encourages students to actively participate in the various rides and attractions. Through this inter-action, they should gain the insight and knowledge necessary to respond to a series of cross-curricular challenges at their own ability level. You, the teacher, can become the tour guide by selecting appropriate attractions and activities to meet your curriculum needs and for students to demonstrate achievement of particular outcomes. The worksheet becomes data collection for students and samples of work indicative of each student's ability.

### How can a visit to a theme park be educational?

Learning implies a state of physical, mental and/or emotional change through the observation and restructuring process needed to alter social, behavioral and intellectual norms. Through adventure education and activity trails, exposure to risk, which is normal in our daily lives and essential to our education, promotes student motivation, interest and preparation to undergo more complex forms of behavioral change which can assist the development of self esteem. To stimulate creativity, interface between the individual and the physical, mental and emotional environment is essential.

A visit to a theme park provides the creative environment that oozes enjoyment, stimulation and socialization, while the activity trail challenges the thinking skills of the students through introspection and reflection of their experiences. The relaxed environment motivates students to demonstrate the present curriculum-based skills through personal interpretation of set tasks.

### How do I get started?

1. Check that you have downloaded the latest version of the Wet'n'Wild Hawaii Activity Trail
2. Select the outcomes you plan for students to achieve on the day from your curriculum documents
3. Select the attractions appropriate to your outcomes and length of visit
4. Select or modify the activities to suit the needs of your students
5. Plan your itinerary for the day and allow for lines
6. Decide on a pre-visit activities to prepare students for the experience
7. Create a post visit contract of set activities to present for assessment
8. Decide on the student dynamics for optimum results during their visit
9. Submit your own activity suggestions to have the chance to win 2 FREE Annual Pass

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# Wet'n'Wild Hawaii

## Teacher's Activity Trail Tips

BELOW ARE SOME HANDY TIPS TO HELP YOU ORGANIZE YOUR EXCURSION TO WET`N` WILD HAWAII

- Pre-discuss with your students your departure time and the time all students should be in their reserved area
- Have a method of identifying your students from other students (e.g. a distinctive wristband will be provided by Wet'n'Wild at no additional cost)
- Organize for students to team with a buddy during their entire time in the park
- On approaching the entry gate, students need to be in a single line and to enter one at a time
- Teachers should lead, be in the middle of, and at the end of their line of students at the entry gate
- One teacher should remain with the Wet'n'Wild coordinator to check that only their students are entering with their group
- If doing an educational Activity Trail, we recommend pre-organizing the students into teams of between 3 and 5 and provide each team with a copy of the Activity Trail on the bus
- Discuss the Activity Trail on the bus and pre-organize an attraction for each team to start (e.g. Team A starts at Hawaiian Waters Wave Pool, Team B at Waianae Coasters etc)

## Read the Brochure

**OUTCOME:** Critical literacy and environmental awareness design features for a commercial brochure.

1. What is the Wet'n'Wild web site address?

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2. When are Dive-in Movies scheduled?

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3. Whose responsibility is safety in the facility?

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4. What is the easiest way to carry cash around in the park?

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5. How much time does it take to get from Surfers Paradise to Wet'n'Wild and what exit should you take?

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6. Glassware is not allowed in the park. Consider the safety reasons. Why?

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7. On the back of the sheet, design your own brochure for Wet'n'Wild, remember to include areas of interest and safety.

### INVESTIGATE:

Calculate the total cost of your group to visit Wet'n'Wild.  
(Consider admission, transport, food, souvenirs etc.)



**Wet n Wild**  
Hawaii



## Island Racer

**OUTCOME:** Test theories of how speed is generated on a slide.

**HEIGHT REQUIREMENT: 42 INCHES**

1. Draw the specially designed mat on the back of this sheet.
2. Calculate how many people could use the ride in one hour.

3. If all 4 lanes are being used all day, how many people will use this ride in a day?

4. Read the safety rules of the ride. Why are special safety rules needed for this type of ride?

5. Record on the table on the worksheet, your group's names and where they finish.  
Who is the fastest racer & why?

6. Enter your name and places you finish. Lowest score wins!





**OUTCOME:** Examine construction and pathway of an unusual ride.  
Calculate speed in various units.

**HEIGHT REQUIREMENT: 42 INCHES**

1. How many nuts and bolts are used on the fiber glass ride?

**HINT** (Number in each section x number of sections).

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2. The length of each Twister Flume is 650 feet. Time your ride and work out your speed in metres/second.

$$\text{SPEED} = \frac{\text{DISTANCE}}{\text{TIME}}$$

**CONVERT YOUR SPEED INTO FEET/SECONDS**

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3. Compare your speed to those in your group. Give possible reasons for the differences.

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4. What type of pathway did you expect to follow on this ride?

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What was it really like?

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On the back of this sheet draw these pathways and describe your feelings during this ride.



**Draw Your Twister Journey**



**EXPECTED JOURNEY...**

**ACTUAL JOURNEY...**

**THE RIDE FELT LIKE...**

## Waianae Coaster

**OUTCOME:** Evaluate team speed generation. Organise a competition logically.  
**HEIGHT REQUIREMENT: 48 INCHES**

1. The Speedcoaster tower is three stories high, how many feet is this approximately?  
**32 FEET                      42 FEET                      52 FEET**

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2. Estimate the average angle of the Waianae Coaster?  
\_\_\_\_\_ degrees

3. Make a list of the names of all those in your group brave enough to ride the Speedcoaster.

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4. How many different pairings can you make from this group? \_\_\_\_\_  
How can you calculate this number without listing all pairs? Explain?

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5. Organize a competition challenge to determine the fastest pair on the Speedcoaster on the back of this page. Explain the logic of your organisation.

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6. What makes the fastest pair? Is it height, weight, riding technique?

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State your hypothesis with supporting data from the result of your competition.

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### INVESTIGATE!!

Does height, weight or clothing determine a faster time?  
Observe people who are both in and out of your group.

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### The Waianae Coaster Pairs Challenge

1.  
2.

1.  
2.

1.  
2.

1.  
2.

1.  
2.

1.  
2.



### Winners

1.  
2.

## Wave Pool

**OUTCOME:** Determine how waves are generated. Map an irregular shape.

**NO HEIGHT REQUIREMENT FOR THE WAVE POOL.**

**WATER DEPTH – 5.5 FEET.**

1. Sketch the Wave Pool in both plan & cross section on the back of this sheet.

Calculate the volume of the pool from your sketch. \_\_\_\_\_

You will need to estimate some measures so pace it out, then GET WET.

2. In pairs, discuss how you would estimate the distance between waves.

\_\_\_\_\_

3. What is the average wave height? \_\_\_\_\_

4. Does this change with the depth of the water? \_\_\_\_\_

5. How are tsunamis formed? \_\_\_\_\_

6. Estimate the number of people in the pool. \_\_\_\_\_

7. What strategy did you use? \_\_\_\_\_

8. List 5 different ways to create the Wave Pool action.

\_\_\_\_\_

\_\_\_\_\_

9. Write a poem describing the action of waves on the back of this sheet.

### INVESTIGATE!

Explain how the waves break.

\_\_\_\_\_

How could more surfable waves be produced in a water park?

\_\_\_\_\_



## Plan of the Wave Pool

PLAN:



CROSS SECTION:

## Investigate

DRAW A WAVE POOL:

WRITE A POEM: