

Learning Project- Week 4



Year 4



HCAT Theme Park Challenge



Your Challenge

HCAT have a vision to build their own theme park in the few years. It's going to be launched as the first Theme Park suitable for children only and classes will be able to book their places over the academic year.

Your spending limit is **£65,000**

1. You must carefully decide what sort of rides you are going to have. You also need to think about other facilities visitors will need like toilets, cafes, shops.

2. Many theme parks have different areas that are 'themed'. In other words, they might have an 'African' area or a 'Space' area. Think carefully about what you would like in yours!



Planning your Theme Park

Watch this video to get you thinking about what you might include within the HCAT park.

[Theme Park Advertisement](#)

It's time to draw and design your theme park on squared paper. You must not go over your spending limit and you must include:

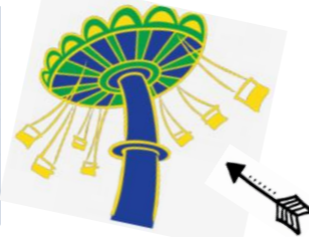
CAR PARKS, TOILETS, CAFES, SHOPS AND RIDES (OF YOUR CHOICE)

Item	Number of squares	Cost per item
Major ride	9	£5000
Minor ride	6	£2000
Café	4	£1000
Shop	4	£700
Vending machine	1	£50
Toilets	4	£100
Paths		£20 per 5cm length
Lake		£500 per square
Car park		£50 per square

Running the HCAT Theme Park

To run the HCAT theme park the following costs will apply to each item that you have every day. Complete the table below to find out how much it will cost to run your theme park each day.

Item	Staff Costs	Running costs	Total costs per	Number in your	Cost in your
Major ride	£50	£___	£110		
Minor ride	£___	£40	£80		
Café	£30	£20	£___		
Shop	£20	£___	£40		
Toilets	£___	£5	£10		



How much will it cost to run your theme park for 1 day? If 100 people came in and paid £5 each would you make any profit? How many visitors do you need to make a profit?

Weekly Reading Tasks (Aim to do 1 per day)

Can you click on the picture below, download the text and have a go the LIRA questions?



THE FUNNY LIFE OF TEACHERS



LIRA

Literal: When should what you learn from this book be used?

Literal: What sort of book is this? Use evidence to support your answer.

Inference: Why do you think this book is for four different types of people? Who are they?

Inference: Why do you think that teachers shouldn't read this book? What should you do if you see one of them reading it?

Literal: Why shouldn't you read your book like a 'normal' book?

Can you click on the picture below and have a go the LIRA questions?

THE FUNNY LIFE OF TEACHERS



LIRA

Literal: Approx how many ways could you read the book?

Reader Response: How do you think the reader would be made to feel when reading this book? Why? Can you back your reasons up with evidence from the text?

Literal: Find the first piece of 'factual' information the book shares with you.

Literal: What does it say people do before getting to the first page of the book?

Literal: What page number can the 'toilets' section be found on?

Author Intent: Why do you think the author has included a school map within the book?

Teacher Fact-File

What can you write about teachers using evidence from this book?



HCAT Theme Park Challenge

Weekly Writing Tasks (Aim to do 1 per day)

There's an app for that!



Your theme park is getting really popular by the day as more schools hear about it! However, the more people that are in the park the more confusing the layout becomes. You are launching a free app to help children navigate their way around.



Your task is to look at your theme park design and **write directions between as many of your attractions as possible.**

Start at your entrance and plan your route- you could even record it via seesaw/twitter once complete!

What's the area?

Now you've designed your park you need to think about how many square metres each ride is going to cover in your plan. Each square on your plan is equivalent to 4m squared. Can you work out the area each ride will take up?



=4m squared

++ Can you calculate the perimeter for a fence to go around each ride?

For or Against Sea World



Some Orcas are kept in captivity in places like Seaworld, do you think this should be allowed? Can you write an argument based on your opinion of orcas in captivity?

ORCA FACT FILE

Orcas caused Gabby to abandon ship, are there any other cases where orcas have been dangerous to humans?

Can you create an informative report on an Orca?

Click the video to watch an orca hunt

