



**PARK BUILDING**

**CHALLENGE.**







Following the recent unsuccessful attempt to create a dinosaur related theme park on 'Isla Nublar', you have been handed the task of creating a new and improved 'Jurassic World'.

Use your maths skill and knowledge to finance the project , use your knowledge of dinosaurs to carefully place them in your theme park and use your knowledge of people to staff the park and make it an enjoyable and most importantly SAFE! Experience for your visitors.

Do you accept the challenge?



# DINOSAURS.

It wouldn't be a dinosaur park without dinosaurs, so your first job is to choose what dinosaurs you would like in your park.

Think carefully:

- \*Which dinosaurs will be the most exciting?
- \*Which dinosaurs will take the most looking after and could be dangerous?
- \*Do you need more than one of each type?

You have \$100,000 (one hundred thousand) Dino dollars to stock your park with dinosaurs, spend wisely.







Indominus Rex.  
\$10,000



Edmonosaurus  
\$5500



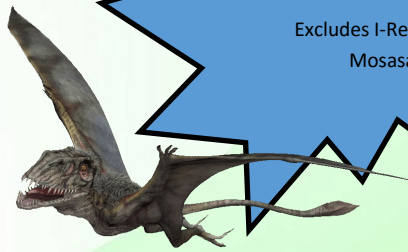
Velociraptor  
\$3000



Triceratops  
\$5000



Tyrannosaurus Rex  
\$8000



Dimorphodon  
\$3500

Suchomimus  
\$1500



Mosasaurus  
\$6500



Ankylosaurus  
\$2500



Pachycephalosaurus  
\$1000



Microceratus  
\$250



Pteranodon  
\$500

Apatosaurus  
\$4500



Stegasaurus  
\$3250



Dino Deals!!!  
Buy 3 of the same dinosaurs  
save 10%  
Buy 5 save 20%  
Excludes I-Rex, T-rex and  
Mosasaurus

Dino Deals.  
Buy an I-Rex, T-Rex or a  
Mosasaurus and get the  
second half price!





# ATTRACTIONS.

Your park needs other attractions other than the dinosaurs. You have \$50,000 dinosaur dollars to spend on attractions.



Toilets / bathroom.

\$500

Hotel

\$7000



Restaurant.

\$5000



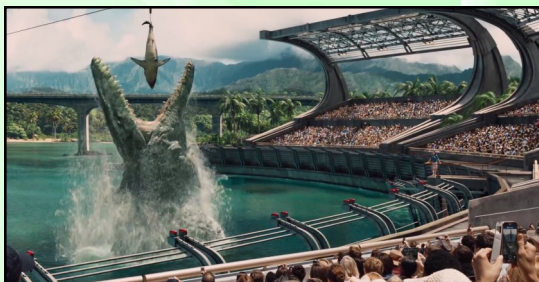
Train around the park.

\$10,000



Dino Roller Coaster.

\$10,000



Mosasaurus Aquarium

\$15,000



Dinosaur Burger and Drinks Van.

\$2000

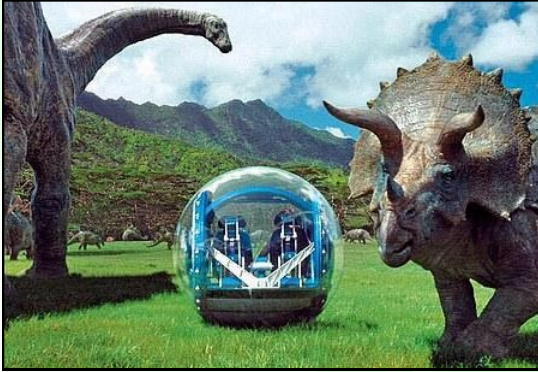


Dinosaur Petting Zoo.

\$2000



# ATTRACTIONS PAGE // .



Gyrosphere Ride.

\$2200

Dinosaur Museum.

\$3500



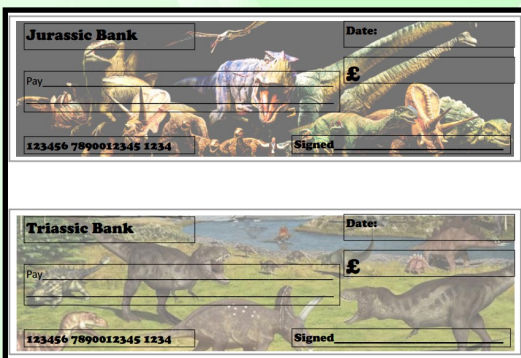
Virtual Dinosaurs

\$3,000



Dinosaur Carousel

\$4,000



Souvenir Shop

\$500

Jurassic Bank

\$2,500



Flying Dinosaur Dome

6,000





# EMPLOYING STAFF.

Every business needs staff to make sure everything runs smoothly.

Think carefully about.

\*keeping your park clean.

\*Keeping visitors amused.

\*Keeping things running smoothly.

\*What attractions do you have? Who will look after these?

You have \$10,000 Dino dollars a week to pay your staff wages.



Dinosaur Trainer.

\$1000 a week.



Cleaner

\$150 a week.



Security Guard.

\$250 a week.



Chef

\$500 a week.



Ride Operator

\$225 a week.



Park Entertainer

\$300 a week.

Fast Food Staff

\$100 a week.



General Duties - shop, bank,  
hotel staff.

\$200 a week



Mosasaurus Trainer

\$1,300 a week.









# DINOSAUR DINER MENU.

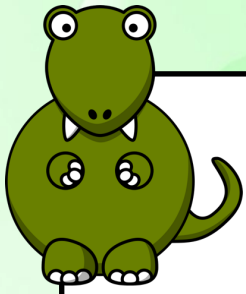
Your visitors will need feeding so your next challenge is to create a dinosaur themed menu.

- What will you have on your menu?
- What will you charge? Too expensive and people will not buy your food, too cheap and you will not make any money.
- Will you have any special offers or meal deals?
- Will you have a vegetarian menu?
- Use your imagination, try to make your food sound fun and tasty.

Below is an example of a dinosaur themed menu to help.



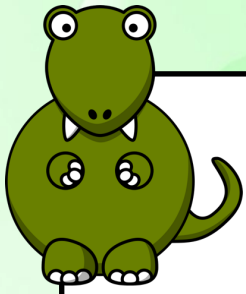




# DINO DINER MENU.







# DINO DINER MENU.



# MAP OF THE PARK.

Your next challenge is to create a map of your Jurassic theme park.

Think carefully about:

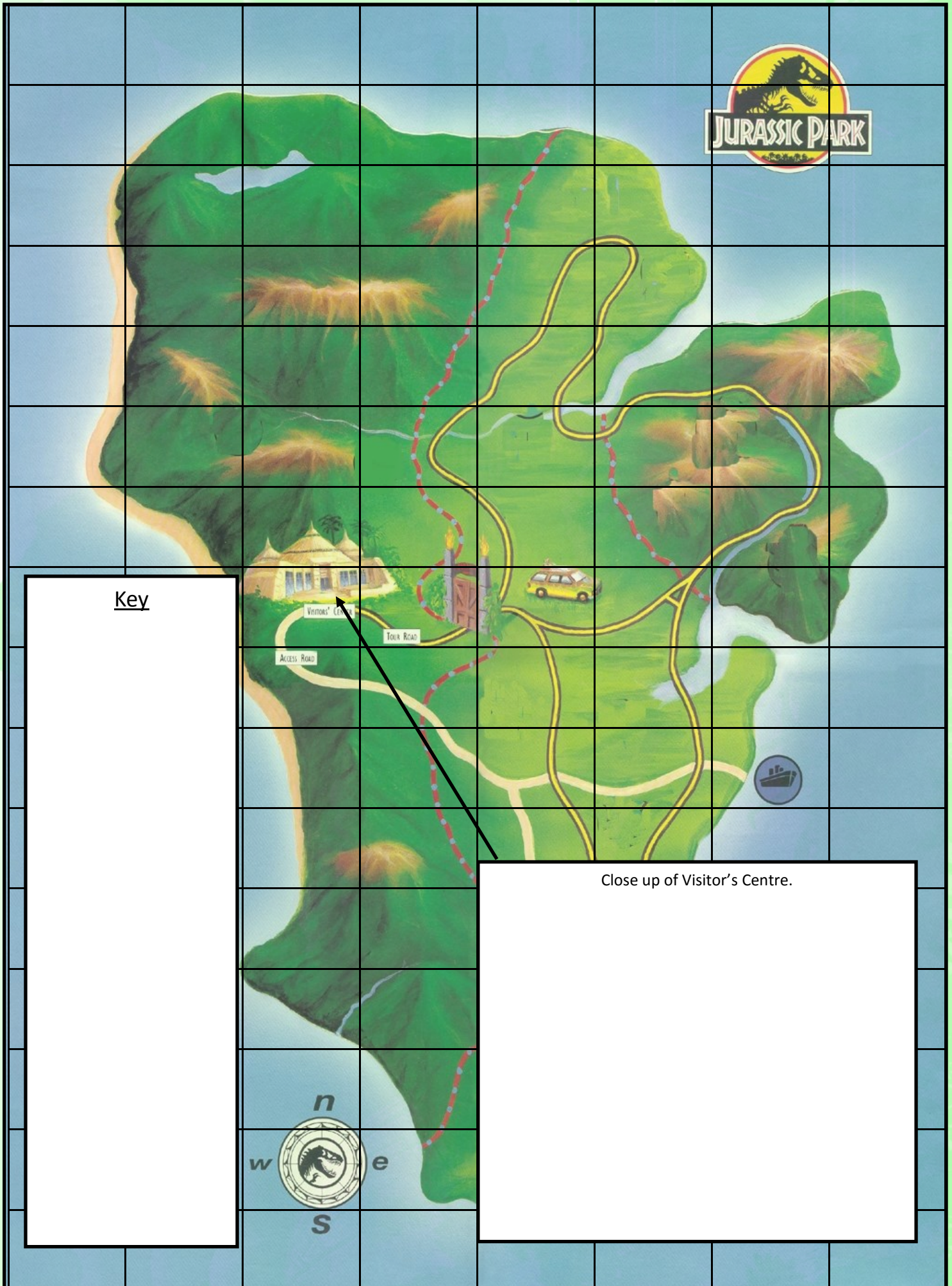
- Where to place your dinosaurs—remember you can only place dinosaurs that you have bought for your park.
- Complete the key so that visitors can use your map.
- Fill in co-ordinates for people to follow.
- Create ten questions about your map and ask somebody else to answer them—try to include co-ordinates, directions and positions.

Here is an example:





# CREATE A MAP.



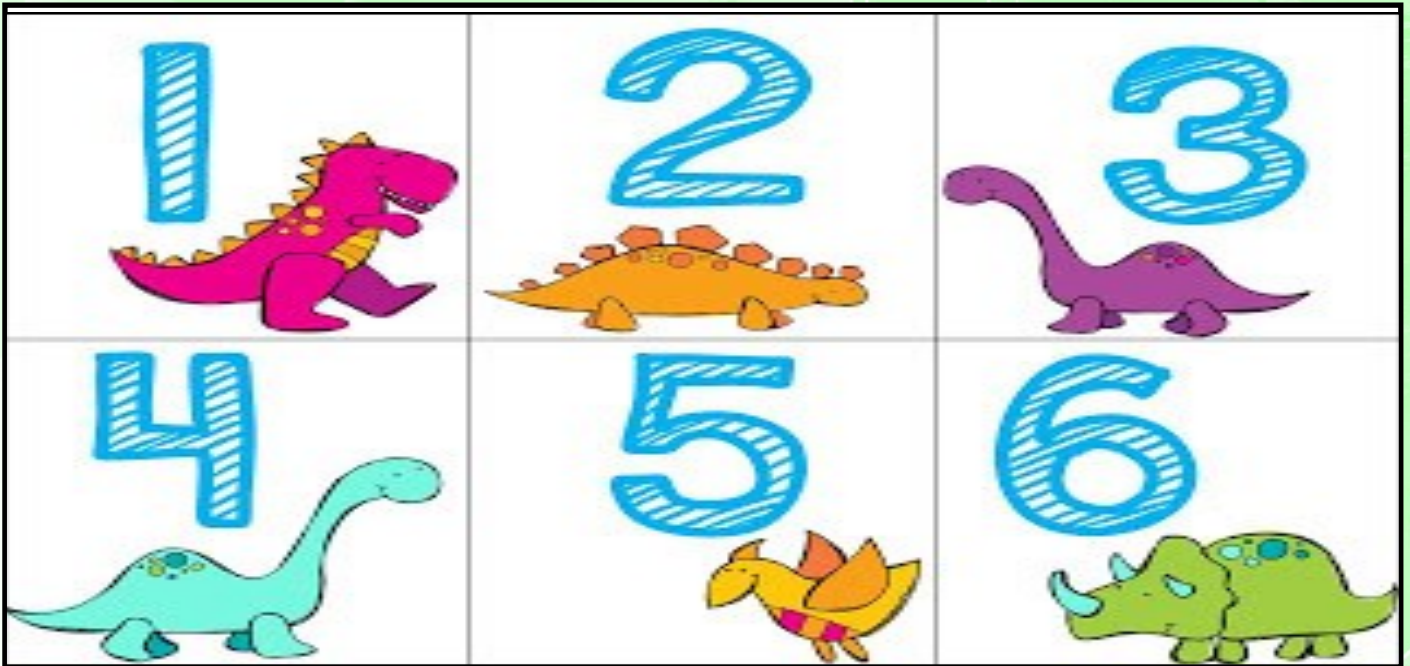








## Catch a Dinosaur Game.



At the park you have a game in which you get three chances to catch three dinosaurs. You win a prize if the total is 10.

How many ways can you make 10 using 3 dinosaurs?

What if you had to score 12?

If the dinosaur had multiples of 10 and you had to score 90, how many ways could you do this?

What is the lowest / highest score you could get by catching 3 dinosaurs?



# TICKET PRICES.

Your park is finally open to the public and the visitors are streaming in:

Ticket prices are \$10.00 for adults and \$5.00 for children.

Can you work out how much was taken on the gate for each month below.

NUMBER OF VISITORS				Takings
	Adult	Children	Total	
January	2901	1918	4819	
February	5291	4019	9310	
March	7182	6912	14094	
April	4628	2679	7307	
May	8173	3818	11991	
June	12784	10384	23168	
July	19203	22918	42121	
August	24918	23019	47937	
September	16298	17283	33581	
October	10384	8192	18576	
November	3019	2391	5410	
December	2094	1798	3892	

Which months were most popular?

Why do you think this is?

What would the takings be if children were free?

Extension: What are the total takings for the year.