

# Kingdom Quest

Hop aboard your chariot on the Kingdom Quest ride to rescue the Princess!

## Challenge

Hop aboard your chariot and zap the bad guys!  
The counter in front of your seat keeps score!

Write down the scores:

Score 1: .....

Score 2: .....

Score 3: .....

Score 4: .....

Score 5: .....



# Kingdom Quest

## Challenge cont.

Rewrite the scores in order of largest to smallest.

Find the median score and circle it.

Hint: The median score is the middle score when they're in numerical order

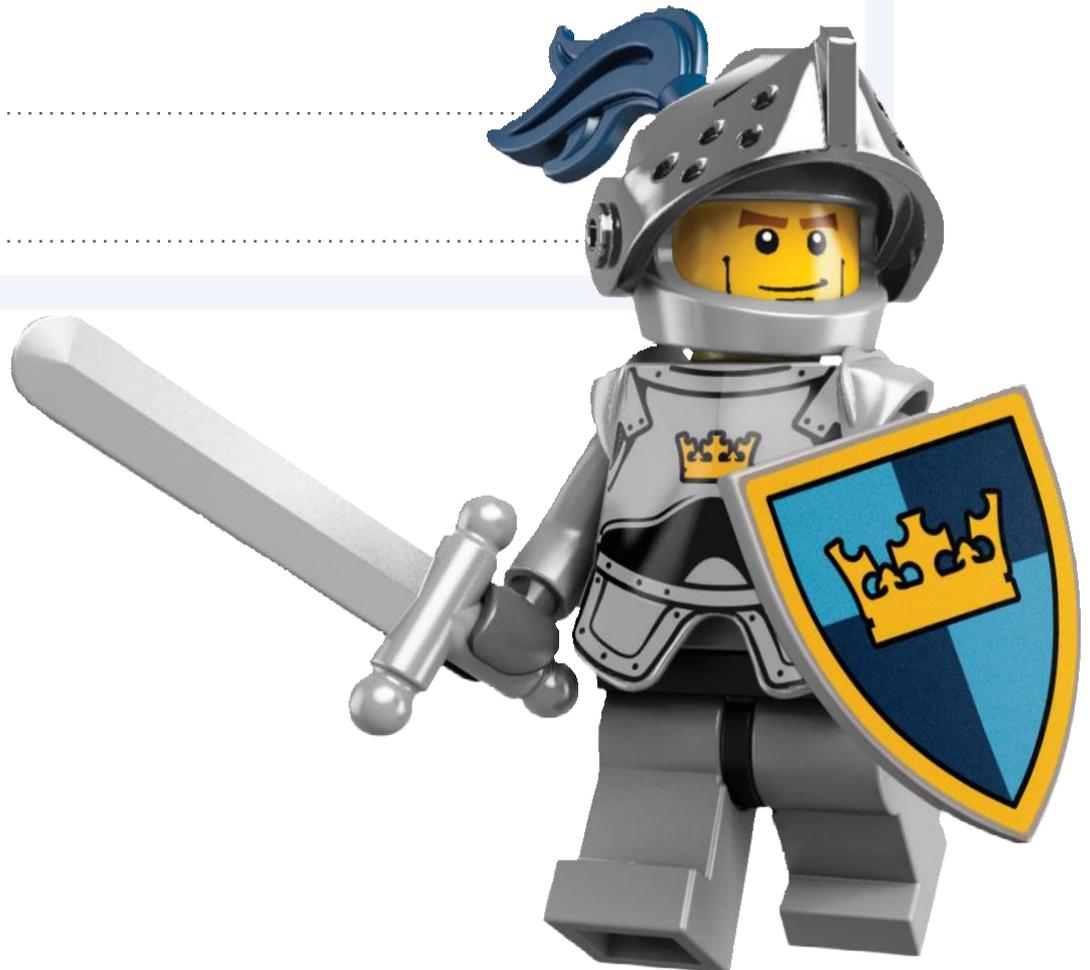
Score 1: .....

Score 2: .....

Score 3: .....

Score 4: .....

Score 5: .....



# Kingdom Quest

## Back at school

### Find the words below

Kingdom

Play

Skeleton

Princess

Score

Zap

Quest

Chariot

Dragon

Bricks

Trolls

Win

s	b	p	w	f	z	a	p	q
k	d	r	i	d	e	q	k	u
e	k	i	n	g	d	o	m	e
l	s	n	t	r	o	l	l	s
e	c	c	h	a	r	i	o	t
t	o	e	g	p	l	a	y	c
o	r	s	d	r	a	g	o	n
n	e	s	b	r	i	c	k	s

# Miniland Arizona

Explore **MINILAND** – a miniature **LEGO** replica of Arizona made from over 1.5 million **LEGO** bricks!

## Challenge

What can you see in Miniland (please tick)

- A sports game
- A river
- A museum
- The State Capitol
- A horse fountain
- A concert
- Dinosaur Fossils
- A hot air balloon



# Miniland Arizona

## Back at school

Design your own Miniland Arizona. What are the top 5 places?  
Draw them below.



# Shake Tables

Ever tried to build the strongest building you can from LEGO bricks?

Take on the challenge at our Earthquake Tables. Test the strength of your brick tower when the tables start to shake.

## Challenge

Try five different shapes and sizes and see which one lasts the longest

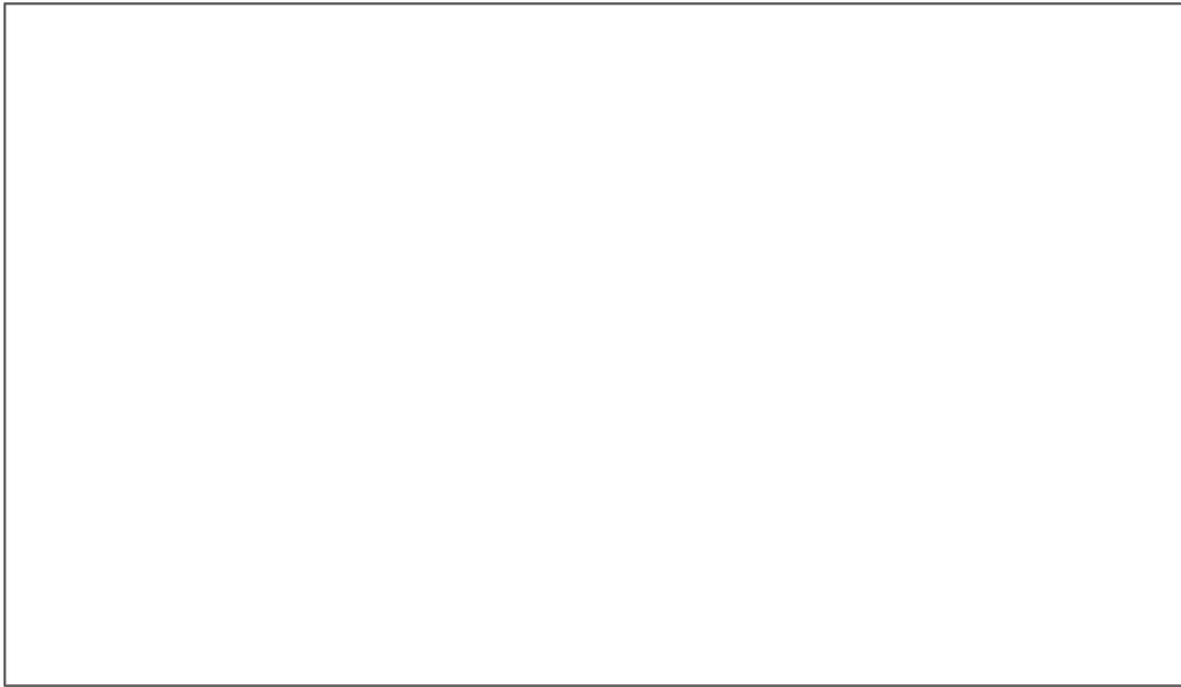
Number of bricks wide		Number of bricks tall	Did it fall (Y/N)
<input type="text"/>	x	<input type="text"/>	<input type="text"/>
<input type="text"/>	x	<input type="text"/>	<input type="text"/>
<input type="text"/>	x	<input type="text"/>	<input type="text"/>
<input type="text"/>	x	<input type="text"/>	<input type="text"/>
<input type="text"/>	x	<input type="text"/>	<input type="text"/>



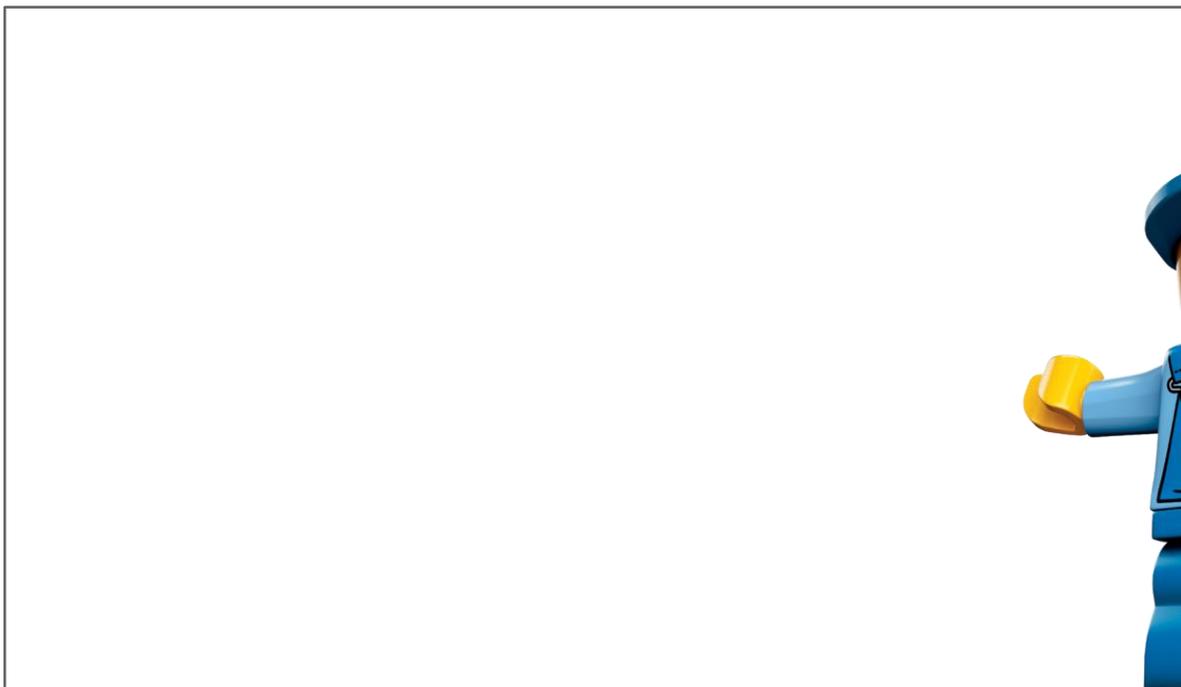
# Shake Tables

## Back at school

Draw a building that is strong

A large, empty rectangular box with a thin black border, intended for drawing a strong building.

Draw a building that is weak

A large, empty rectangular box with a thin black border, intended for drawing a weak building.

# Build and Test

Create a LEGO car and race your car on the ramp.  
Ready. Set. GO!

## Challenge

Build cars and then race them on the ramp.

Tick which design features makes a car go faster:

- Big wheels
- Small wheels
- Long body
- Short body
- Low body
- Tall body
- Wide body
- Thin body
- Dark colored bricks
- Light colored bricks
- Windshield
- No windshield
- Heavy car
- Light car



# Build and Test

## Back at school

Review the data from your test and write down the top 5 things needed for a fast car:

1. ....
2. ....
3. ....
4. ....
5. ....

Draw the car featuring the five most important design elements:



# Welcome

## Welcome to LEGOLAND Discovery Center Arizona

The Legoland Discovery Center Student Scavenger Hunt has been designed to add fun, focused and interactive learning while on a self-guided tour through the attraction.

The Scavenger Hunt incorporates some of the most engaging and interactive rides and play zones at LEGOLAND Discovery center. They can be visited in any order.

It is recommended that your class be divided into smaller groups – each with a teacher or parent teacher accompanying them.



# Kingdom Quest

Kingdom Quest is a ride in which students and teachers board carriages and are transported through a series of interactive screens. Each person in the carriage is provided with a "blunderbuss".



**Please note:**

- Children must be able to walk to ride.
- Children under 4 feet 3 in must ride with an adult.
- Closed toe shoes must be worn to ride on Merlin's Apprentice.
- For safety, guests must be in good health without injuries that could be aggravated by the attraction. Expectant mothers, and guests with casts or broken/injured bones should not ride.

## Challenge

Students are instructed to zap the bad guys with the blunderbuss – this is done by pointing and shooting. A score appears on a screen in front of each student which tallies their success in zapping the bad guys.

At the conclusion of the ride, students must remember their score.

After exiting the carriage, students must write down their own score.

Students are then tasked with writing down the scores of other people in their carriage.

Students then must rewrite down the scores in order of largest to smallest. Then find the median score and circle it.

## Back at school

Word search answers

s	b	p	w	f	z	a	p	q
k	d	r	i	d	e	q	k	u
e	k	i	n	g	d	o	m	e
l	s	n	t	r	o	l	l	s
e	c	c	h	a	r	i	o	t
t	o	e	g	p	l	a	y	c
o	r	s	d	r	a	g	o	n
n	e	s	b	r	i	c	k	s

- Kingdom
- Princess
- Quest
- Bricks
- Play
- Score
- Chariot
- Trolls
- Skeleton
- Zap
- Dragon
- Win

# Miniland Arizona

**MINILAND is a miniature replica of Arizona featuring the state's most loved buildings and landmarks**

## Fun Facts

- All of the MINILAND models took a total of 5000 hours to design and build.
- MINILAND is made up of over 1.5 Million LEGO Bricks.
- There are over 3000 Minifigures



## Challenge

Students are challenged to explore Miniland and identify the activities located in specific locations, such as shopping, sport, and transport. They are asked to find these key items/locations:

- A sports game. Answer: Baseball game at Chase Field or Football game at Cardinals Stadium
- A museum. Answer: Downtown Phoenix
- A horse fountain. Answer: Tempe
- A Dinosaur Fossils. Answer: Desert Display behind Grand Canyon
- A river. Answer: Inside the Grand Canyon
- The State Capitol. Answer: Downtown Phoenix
- A concert. Answer: Downtown Phoenix
- A hot air balloon. Answer: Above the Grand Canyon

## Back at school

Students are challenged to select 5 landmarks to include in their dream version of Miniland Arizona. They are then asked to draw them.

### Things to think about:

- What makes a landmark cultural or spiritually significant?
- Why would a building be created to acknowledge important moments in our history?
- Is their Miniland Arizona culturally diverse? Does it consider different cultural groups?
- How does a landmark represent people in the community?

# Earthquake Tables

The Earthquake Tables feature a build plate for building and a control pad which students can turn to “shake” the table at increasing strength.

## Challenge

Students are challenged to build five different buildings of different shapes and sizes and then trial and test to see which type of building is the most structurally sound.

Students are tasked with writing down the number of bricks used in length and height.



## Back at school

Students are asked to draw a picture of a building that is structurally strong and draw a picture of a building that is structurally weak.

They are encouraged to think about using these drawings to highlight the specific features that make a building strong or weak and should act as a visual representation of their learnings.

# Build and Test

**In the Build and Test area, students will find brick pits featuring car pieces including wheels, body pieces, and windshields.**

They can then use two different ramps to test the durability and speed of their cars. One of the ramps features a button that lowers the start ramp, including a countdown. The counter at the base then calculates the speed of the fastest vehicle.



## Challenge

Students must build cars and race them against other students' builds. Students need to observe which cars win the race and critically consider what design features are more prominent in the winning cars. They are then asked to tick which features listed in their booklet help the cars go faster.

## Back at school

Students are challenged to review the data from build and test and determine the design features needed for a fast car. They are asked to list the top 5 features.

They are then tasked with creating a visual design of the car featuring the five most important design elements.