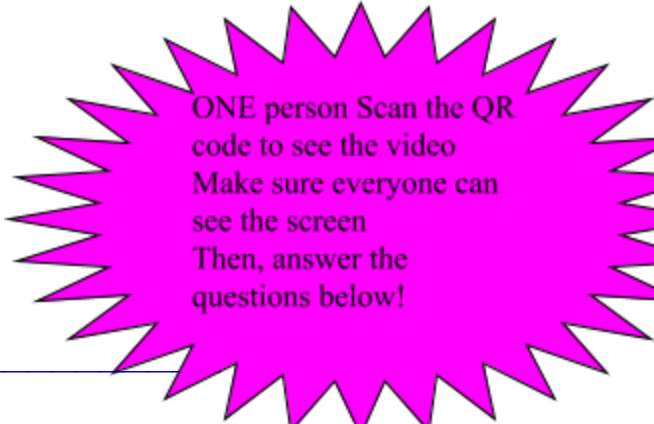


Mt. Everest



ONE person Scan the QR
code to see the video
Make sure everyone can
see the screen
Then, answer the
questions below!

1. Where is your source of gravity?

My source of gravity is _____

2. When you are here, are you closer or further away from the source of gravity, than when you are in Medfield, MA.?

3. So, is the pull of gravity stronger or weaker than when you are in Medfield, MA.?

4. As you climb the mountain what happens to your weight? And why?

My weight would _____

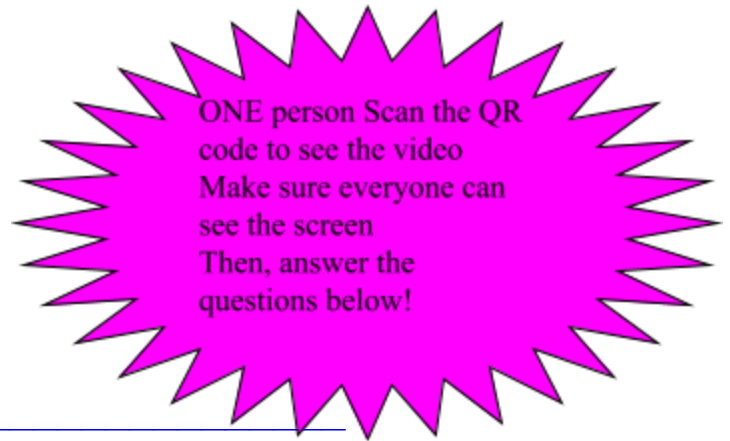
Because _____

5. What happens to your mass? And why?

My mass would _____

Because _____

Mariana Trench



1. Where is your source of gravity?

My source of gravity is _____

2. When you are here, are you closer or further away from the source of gravity, than when you are in Medfield, MA.?

3. So, is the pull of gravity stronger or weaker than when you are in Medfield, MA.?

4. As you swim towards the bottom the trench what happens to your weight? And why?

My weight would _____

Because _____

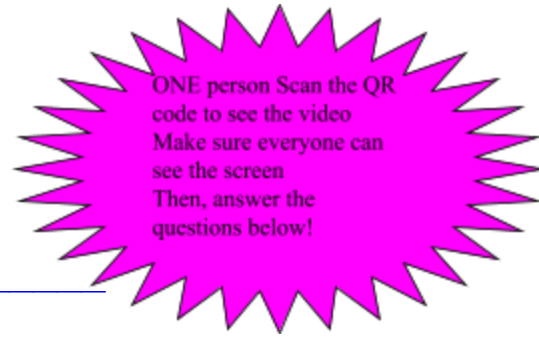
5. What happens to your mass? And why?

My mass would _____

Because _____

Challenge _____

Moon



1. Where is your source of gravity?

My source of gravity is _____

2. Describe the relationship between the mass of an object and it's gravitational pull.

The _____ *mass an object has, the* _____ *its gravitational pull.*

3. What has more mass the Earth or the Moon? (Use the pictures of planets for useful data).

4. Which place has a stronger gravitational pull? And why?

_____ *has a stronger gravitational pull because*

5. As you step out of your rocket onto the Moon what happens to your weight? And why?

My weight would _____

Because _____

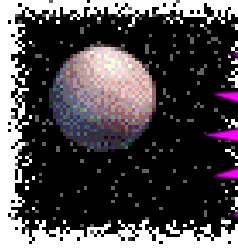
6. What happens to your mass? And why?

My mass would _____

Because _____

Challenge _____

Pluto



ONE person Scan the QR code to see the video
Make sure everyone can see the screen
Then, answer the questions below!

1. Where is your source of gravity?

My source of gravity is _____

2. Describe the relationship between the mass of an object and its gravitational pull.

The _____ *mass an object has, the* _____ *its gravitational pull.*

3. What has more mass the Earth or Pluto (Use the pictures of planets for useful data).

4. Which place has a stronger gravitational pull? And why?

_____ *has a stronger gravitational pull because*

5. As you step out of your rocket onto Pluto what happens to your weight? And why?

My weight would _____

Because _____

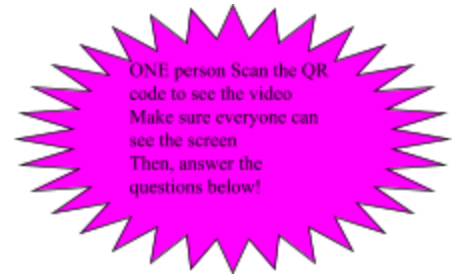
6. What happens to your mass? And why?

My mass would _____

Because _____

Challenge _____

Jupiter



1. Where is your source of gravity?

My source of gravity is _____

2. Describe the relationship between the mass of an object and its gravitational pull.

The _____ *mass an object has, the* _____ *its gravitational pull.*

3. What has more mass the Earth or Jupiter (Use the pictures of planets for useful data).

4. Which place has a stronger gravitational pull? And why?

_____ *has a stronger gravitational pull because*

5. As you step out of your rocket onto Jupiter what happens to your weight? And why?

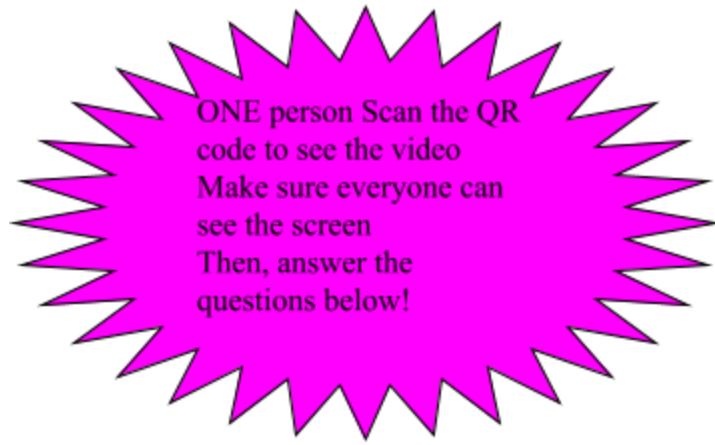
My weight would _____

Because _____

6. What happens to your mass? And why?

My mass would _____

Because _____



International Space Station

5. As you step out of your rocket onto the space station, what happens to your mass? And why?

My mass would _____

Because _____

6. What happens to your weight? And why?
(HINT: Watch the video to help you decide!!)

My weight would _____

Because _____