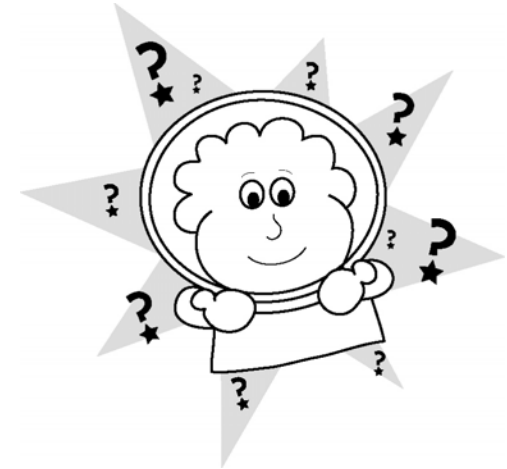
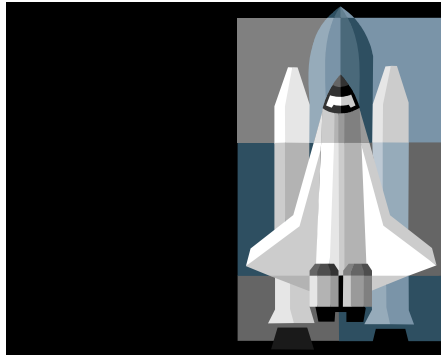


Facilitator Packet Spaceport

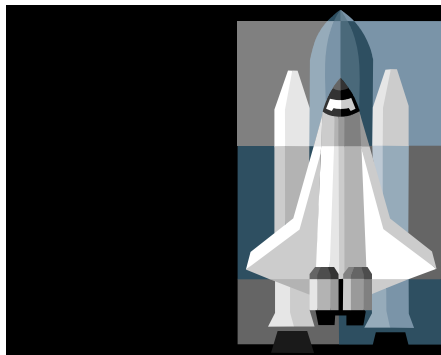
*Print Double-Sided
Cut horizontally across middle
for 2 separate Spaceports.
Fold and staple in the middle.
Trim edges if you desire.*





SPACEPORT

Your passport to
Space Stations!



SPACEPORT

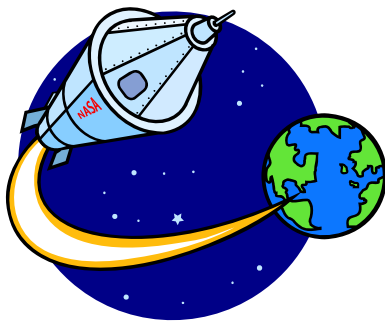
Your passport to
Space Challenges!

Your Name _____

Date _____

ENTERING THE KNOWLEDGE PORTAL

.....

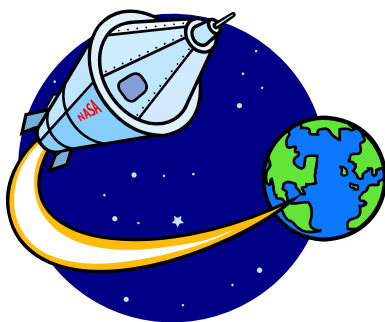


Your Name _____

Date _____

ENTERING THE KNOWLEDGE PORTAL

.....



Beans in Space



What's the Point?

Which would make your muscles stronger:

Lifting weights on Earth

or

Lifting Weights in Space?

What happens to muscles that don't get enough exercise?

What can astronauts do to keep their muscles strong?

Beans in Space



What's the Point?

Which would make your muscles stronger:

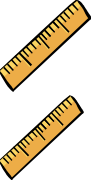
Lifting weights on Earth

or

Lifting Weights in Space?

What happens to muscles that don't get enough exercise?

What can astronauts do to keep their muscles strong?



Measure Up!

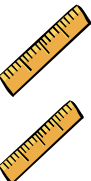
What's the Point?

In microgravity, what would happen to the fluids inside your body?

How would this change the appearance of your legs and feet?

How would this change the appearance of your face?

What was the coolest thing you learned?



Measure Up!

What's the Point?

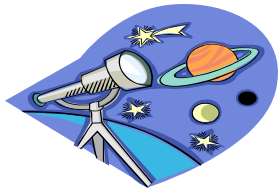
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What was the coolest thing you learned?

Space Out!



Microgravity Has A Crush On You!



What's the Point?

Because of Earth's gravity, your bones stay healthy by walking, lifting, and moving. But in *microgravity*, do we need the same type of bones to support us?

What happens to bones that don't get enough calcium or exercise?

Space Out!



Microgravity Has A Crush On You!

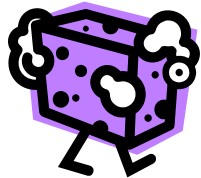


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What happens to bones that don't get enough calcium or exercise?

Sponge Spool Spine



What's the Point?

Earth's gravity "pulls" on everything.
Does it even pull on your spine?

What does a spine in space look like,
where there is no gravity to compress it?

Follow the Bouncing Ball



What's the Point?

Is there *more* or *less* gravity on the Moon
than Earth?

Would *you* bounce higher on the Moon or
Earth?

Would you have to use *more* or *less*
energy (muscle power) to jump on the
Moon?

Sponge Spool Spine



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