Name: _____

How Much Do You Weigh?

Place yourself on the scale to confirm your weight here on earth.

Earth Weight:_____ lbs

After you have weighed yourself, use the calculations below to find out how much you would weigh on each planet. Complete the following chart by multiplying your Earth weight by the number that goes with each planet or moon and place your results in the chart.

Space Weights:

Planet/Moon	x	Weight (lbs)
Mercury	.38	
Venus	.9	
Moon	.17	
Mars	.37	
Jupiter	2.64	
Saturn	.92	
Uranus	.89	
Neptune	1.12	

Small Steps, Giant Leap

STEM Adventures for Little Space Explorers

Name: _____

How Old Are You?

Earth Age:_____ years

Complete the following chart by dividing your Earth age by the number that goes with each planet or moon and place your results in the chart.

Space Ages:

Planet/Moon	Orbit (÷)	Age (years)
Mercury	.24	
Venus	.62	
Mars	1.53	
Jupiter	11.9	
Saturn	29.5	
Uranus	84	
Neptune	164	
Pluto	248	

Name: _____

Space Jump

Place yourself next to the 100 ft. measuring tape on the ground starting at zero. From there, jump as far as you can and mark your distance below (You will need to measure your distances in **feet)**.

Earth Measurement:

Long Jump: _____ feet

After you complete your jump, you will need to do calculations to see how you would have done somewhere other than Earth. Complete the following chart by dividing your Earth measurement by the number that goes with each planet or moon and place your results in the chart.

Space Measurements:

Planet/Moon	÷	Long Jump
Mercury	.38	
Venus	.9	
Moon	.17	
Mars	.37	
Jupiter	2.64	
Saturn	.92	
Uranus	.89	
Neptune	1.12	