

Name _____ Class _____ Date _____

Earth and Mars Comparison Chart

Earth		Mars
	Average Distance from Sun	
	Average Speed in Orbiting Sun	
	Diameter	
	Tilt of Axis	
	Length of Year	
	Length of Day	
	Gravity	
	Temperature	
	Atmosphere	
	Number of Moons	

Earth and Mars Comparison Chart

93 million miles	<p>Directions:</p> <ol style="list-style-type: none"> 1) Cut out each piece along the dotted lines. 2) Place one fact either in the <i>Earth</i> or <i>Mars</i> column next to the category you think it belongs to. 3) Continue until all pieces are placed into your chart. 4) We will check the facts together as a class once everyone is done. 5) If the fact is in the correct position, glue it onto your chart. 6) If it is incorrect, place it to the side for later. 7) Continue until all the facts are in the correct position. 	23.5 degrees
18.5 miles per second		mostly carbon dioxide, some water vapor
0.375 that of Earth		1
Average -81 degrees F		4,220 miles
365.25 Days		687 Earth Days
25 degrees		2.66 times that of Mars
Average 57 degrees F		24 hours 37 minutes
7,926 miles		23 hours 56 minutes
nitrogen, oxygen, argon, others		14.5 miles per second
2		142 million miles

Earth and Mars Comparison Chart

Earth	ANSWER KEY	Mars
93 million miles	Average Distance from Sun	142 million miles
18.5 miles per second	Average Speed in Orbiting Sun	14.5 miles per second
7,926 miles	Diameter	4,220 miles
23.5 degrees	Tilt of Axis	25 degrees
365.25 Days	Length of Year	687 Earth Days
23 hours 56 minutes	Length of Day	24 hours 37 minutes
2.66 times that of Mars	Gravity	0.375 that of Earth
Average 57 degrees F	Temperature	Average -81 degrees F
nitrogen, oxygen, argon, others	Atmosphere	mostly carbon dioxide, some water vapor
1	Number of Moons	2

The power point for this activity is located on my webstie at:

https://middleschoolscienceblog.files.wordpress.com/2015/02/earth_mars_comparison_chart_cut_and_paste_facts.pptx