

**Making Craters!**  
**Student Activity Sheet**

**Question: How will the size of the rock affect the size of the crater?**

**Record the diameter of the crater basin, and the length of the crater rays that extend outward from the crater. Remember to measure in centimeters (cm).**

**Drop each rock from a distance of 1-meter.**

	<b>Crater diameter</b>	<b>Length of crater rays</b>
<b>Small rock 1<sup>st</sup> try</b>		
<b>Small rock 2<sup>nd</sup> try</b>		
<b>Medium rock 1<sup>st</sup> try</b>		
<b>Medium rock 2<sup>nd</sup> try</b>		
<b>Large rock 1<sup>st</sup> try</b>		
<b>Large rock 2<sup>nd</sup> try</b>		

**What can you conclude?**