

***Rendezvous With A Comet***  
**Middle/Junior High School Curriculum Alignment**  
**State of Illinois**

**Section 2: Mission Basics**

<b>Team Descriptions</b>	13.B.3c
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<b>Famous Comets</b>	13.A.3b
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**Section 3: Whole Group Activities**

<b>Cookin' Up a Comet</b>	12.C.3a	12.F.3b	13.A.3c
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<b>Aerogel</b>		13.A.3b	13.A.3c
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<b>Cometary Orbits</b>	11.A.3b	11.A.3c	12.F.3a	12.F.3b	13.A.3c
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<b>Investigating Falling Particles</b>	11.A.3c	12.D.3a	12.D.3b	13.A.3c
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<b>Particle Collection</b>		11.B.3a	11.B.3b	11.B.3c
		11.B.3d	11.B.3e	11.B.3f

**Section 4: Team Training**

<b>Solar System Hoppers</b>	12.F.3b
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<b>Puffy Heads and Bird Legs</b>	11.A.3c	12.F.3a
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<b>Images from Space</b>	11.A.3c
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<b>Radioactivity</b>	12.C.3a	12.C.3b
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<b>Robots and Job-Bots</b>	13.B.3a	13.B.3c
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<b>Electromagnetic Spectrum</b>	11.A.3c	13.A.3c
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<b>Acids and Bases</b>		11.A.3c	13.A.3c
<b>From Sunlight to Power: ISS Solar Arrays</b>	11.A.3b	12.C.3a	13.A.3c
<b>Reading Equipment with Scales</b>			11.A.3c
<b>Reaction Time</b>		11.A.3c	13.A.3c
<b>Disorientation</b>		11.A.3c	13.A.3c
<b>Pulse and Blood Pressure</b>	11.A.3b	11.A.3c	13.A.3c
<b>Star War: Battle of Visual Magnitudes</b>		12.F.3b	12.F.3c
<b>Building a Spacecraft</b>	11.B.3a 11.B.3d	11.B.3b 11.B.3e	11.B.3c 11.B.3f
<b>Identifying and Reading Lab Equipment</b>			11.A.3c
<b>Chromatography</b>		11.A.3b	13.A.3c
<b>Section 5: Classroom Connections</b>			
<b>Christa McAuliffe: Teacher in Space Biography</b>			13.B.3b
<b>NASA Human Spaceflight: Station Sightings</b>			13.B.3b
<b>Space Station Identification</b>		13.B.3b	13.B.3c
<b>Celebrating Space</b>			13.B.3b
<b>Standard Choices</b> (depending on chosen activity)	11.A.3f 11.A.3g	11.A.3a 11.A.3e	11.A.3c 11.B.3b
<b>Challenger Activities for Social Studies</b>		13.B.3b	13.B.3c
<b>A Century of Firsts</b>			13.B.3b