

**ROCKETS AWAY SCORE SHEET**  
*Solid-Fuel Rockets*

Complete the Planning Section of your Rockets Away project book. Complete all the activities within each of the **three** (3) Project Interest Areas. Take part in at least **two** (2) organized project activities and at least **two** (2) citizenship/leadership activities. Build and launch a solid-fuel rocket. Record in your Rockets Away notebook the what, when, where, and how you accomplished each activity. If you do optional activities, please record them in your notebook. Include your notebook with your project book for grading.

	<b>POSSIBLE POINTS</b>	<b>MEMBER POINTS</b>
Planning Section (steps 1-4, pp 3-5)	<u>5</u>	_____
Interest Area 1: Rockets and How They Move (pp 6-10)	<u>10</u>	_____
Experiment 1 – Testing Gravity		
Experiment 2 – Let’s Get Lifting		
Experiment 3 – Bouncing Things		
Experiment 4 – Kicking Into Action		
Interest Area 2: Moving Questions About Rockets (pp 11-16)	<u>10</u>	_____
Experiment 5 – Try a Little Lift		
Experiment 6 – Action/Reaction		
Experiment 7 – Add a Nozzle		
Experiment 8 – Add a Stick		
Experiment 9 – Add a Fin		
Experiment 10 – Testing Turbulence		
Experiment 11 – Broom Launch		
Interest Area 3: Let’s Get Launching (pp 17-22)	<u>10</u>	_____
Build and launch a solid-fuel model rocket; scratch built or kit		
Record at least four launches in the flight-Data section (pp 19-22)		
Optional Digging Deeper and Going Beyond Activities		
_____		
_____		
_____		
_____		
2 Organized Activities p. 4 (List Below)		
_____	<u>5</u>	_____
_____	<u>5</u>	_____
2 Leadership/Citizenship Activities p. 5 (List Below)		
_____	<u>5</u>	_____
_____	<u>5</u>	_____

**Exhibit:**

Completed project book, solid-fuel rocket  
constructed by member, and record of launches.

25      \_\_\_\_\_

Activity Record

20      \_\_\_\_\_

Total Score

100      \_\_\_\_\_

COMMENTS: \_\_\_\_\_

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