

Lesson 10: Landing, Moving and Surviving

Engagement Questions:

Different ways we could land a rover on Mars:

1. _____
2. _____
3. _____

Ways to Land a Rover on Mars			
Landing Strategy		Retro Rockets and Landing Lights	
Rover Size	small to midsize		
Landing Speed			lands at under 2 mph then gently lowered to the ground by cables

Exploration Activity:

My chosen Landing Strategy: _____

How My Strategy Can be Successful	How My Strategy Can be Problematic

Continue your notes on the next page.

Exploration Cont.:

How My Strategy Can be Successful	How My Strategy Can be Problematic

The Landing Strategy my team decided to use: _____

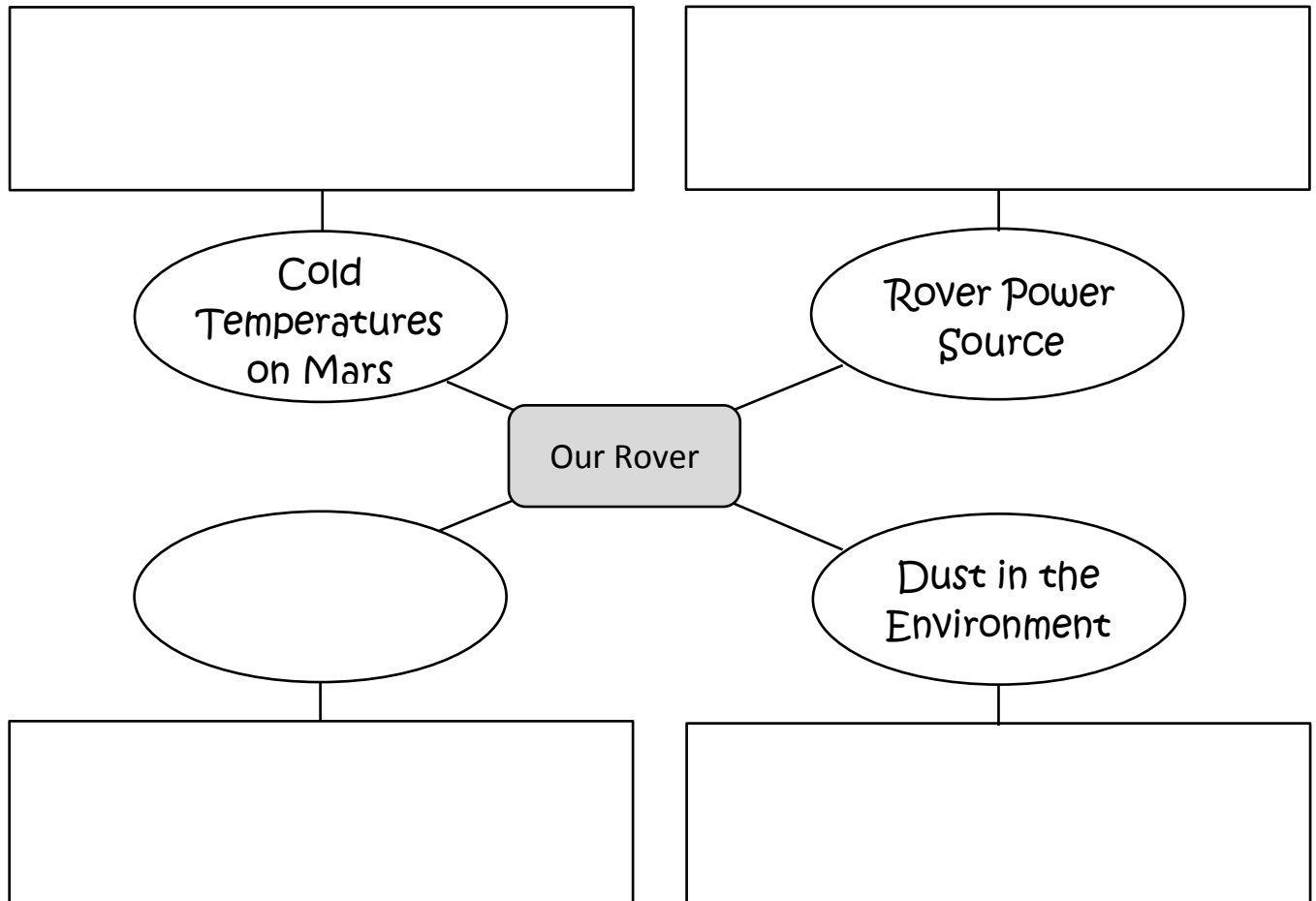
We picked this landing strategy because:

1. _____
2. _____
3. _____

Next, work with your team to decide how your rover will move around once it lands on Mars. _____

Exploration Cont.:

How will your rover survive the harsh conditions on Mars?



Evaluation:

Why is the method you chose for landing your Rover on Mars the best one for your mission? _____
