Flying over Valles Marineris on Mars

Focus Question: How are geoscience processes on Mars the same and different from Earth?

	Part A. – Make a numbered list of observable evidence for results of geoscience processes you see or hear while watching the video flight over Valles Marineris on Mars.		
1.			
2.			
3.			
4.			
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Part B. – What source(s) of energy are involved in each geoscience process mentioned?

Geoscience Process Evidence (from Part A list)	Energy Source – on Mars (we do together with purple pens after you write your initial ideas)	Energy Source – on Earth (you do individually)

Part C.

Compare how weathering and erosion occur on Earth to how weathering and erosion occur on Mars. For this comparison, choose a specific geoscience process (you pick one to write about) from those we explored in the video to use as an example of weathering and erosion on each planet.

In your comparison, be sure to describe the specific change and the energy source causing it.

Construct an explanation describing how the Sun's energy causes a geoscience process (you pick one to write about) to change the surface of Earth, using at least one example from Mars to make a comparison.

In your comparison, be sure to describe the specific change and the energy source causing it.