



Activity II: Surprise On Mars

<http://www.pantherpaw.net/astro/astro.htm>

1. What spacecraft took these new pictures of Mars?

2. Where did we already know of the existence of Martian water?

3. Why isn't there any water on the Martian surface?

4. Why would water boil immediately on Mars?

5. Where do scientists think the water on Mars is?

6. What evidence is there that water has been flowing on Mars recently? (there is more than one piece of evidence)

7. What makes scientists think that the gullies were not formed by volcanoes? (again more than one answer)

8. Why do scientists think the places where the craters are is mysterious?

9. Why is it important to have water on Mars?

10. Why would you have to be on Mars for at least 18 months at a time?

11. What else do we need to know about Mars before humans can go there?
