**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Rock Fall Hazards Reading Assignment**

**Questions**

1. What is a rock fall?
2. Name two things that can cause rocks to become unstable.
3. Name at least two things that can trigger a rock fall.
4. What did the magnitude of earthquakes need to be to trigger a rock fall in Utah?
5. Why did most rock falls in Utah happen in the spring?
6. How many people died in Utah rock falls from 1887-1999?
7. What is meant by the term “runout zone”?
8. Why are utility lines and highways damaged more than buildings in rock slides?
9. During the Castle Valley Rock Fall, how many cubic yards of rock fell?
10. During the Castle Valley Rock Fall, what was the largest rock boulder t hat fell into the runout zone?
11. To reduce the Rock-Fall Risk, besides avoiding the runout zone, what three things can be done?
12. How can good drainage help reduce the risk of rock falls?
13. How can chain link fences offer protection?
14. Why would engineers build a ditch with a berm behind a fence to reduce rock fall damage?
15. How can railroads be protected from rock slides?