

Appendix D

Weathering Smarties

Chew one Smartie. Do not swallow until it is completely dissolved. Have a partner time how long it takes to dissolve the Smartie. Write your observations and the time below.

Put one Smartie in your mouth and do not chew. Do not swallow until it is completely dissolved. Have a partner time how long it takes to dissolve the Smartie. Write your observations and the time below.

Which dissolved faster? Explain why you think this happened.

What do the Smarties represent?

What is the difference between chewing and not chewing when we are using this activity as a model for weathering/erosion?

What things have you done during this activity that could help explain weathering or erosion?
