

CHAPTER 2	Thought Lab 2.2: Carbon, Sulfur and Iron (cont'd)	BLM 2.2.8
HANDOUT		

b) the carbon cycle

- Iron cycles between two ionic forms, Fe^{2+} and Fe^{3+} . In the presence of oxygen or by the action of bacteria, Fe^{2+} is changed to Fe^{3+} . Soils, sediments, and water contain both forms of iron, and organisms contain Fe^{3+} compounds. Pyrite contains Fe^{2+} . How might coal mining affect the iron cycle?