

# EARTH ELEMENTS A

Read the article "Earth Elements." Each time a new element is introduced in the reading, write its name and symbol on the lines following question 1. (You will probably need your periodic table of elements.) Some questions refer to the "Unknown Mixture" activity.

1. What elements were introduced in the reading?

Element	Symbol

Element	Symbol

Element	Symbol

2. Why are carbon, oxygen and hydrogen important elements for living things?

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3. Look at the two diagrams. According to the diagrams, what element is found in large quantities both in living things and in the Earth?

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4. If most of the things on Earth are made up of 12 or so elements, how do things get so complex?

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# EARTH ELEMENTS B

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5. Which of the nine white substances we worked with in "Unknown Mixtures" activity are elements?

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6. How many different elements are present in the nine white substances?

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7. In the "Unknown Mixtures" activity we used  $\text{CaCl}_2$  and  $\text{NaCl}$ . What other elements do you think might combine with chlorine? Why? (Hint: Use your periodic table.)

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8. Compounds are combinations of elements. Why don't we have a periodic table of compounds?

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