



This is one of a series JESCI activities aiming to teach students about the nature of carbon, the different compounds it exists in, the reactions it takes part in and how the processes that carbon and carbon compounds are involved in are linked together to form the carbon cycle. This activity is based on a set of specimens of ‘products’:

1. Carbon dioxide in the atmosphere – a stoppered test tube, labelled ‘Atmosphere’
2. Carbon in green plants - grass or leaf (or a picture)
3. Carbon in land animals - mirror
4. Carbon in soil - bag of soil
5. Carbon in seawater - test-tube of water labelled ‘seawater’
6. Carbon in marine animals and plants - sea shells
7. Carbon in coal and natural gas – coal
8. Carbon in oil – a stoppered, labelled test tube of crude oil (treacle could be used as a substitute if crude oil is not available)
9. Carbon in limestone - limestone

Activity details available at:

<https://geohubliverpool.org.uk/jesci/carbon%20cycle%202.h>
[tm](https://geohubliverpool.org.uk/jesci/carbon%20cycle%202.h)