

Name: .....

Grade: .....

School: .....

Date: .....

**WithOnePlanet**

- > Module 1:  
**Carbon**
- > Level:  
**Years 3 to 4**
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**Investigate**
- > Lesson 3:  
**Carbon in disguise**
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# Investigate carbon

Lesson 3

Student fieldwork activity

**Carbon in disguise**

Years **3 to 4**



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INQuIRY



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# Carbon in disguise

## Lesson 3: Student fieldwork activity



One of the reasons that carbon is so hard to catch is that it can change its disguise! It is so clever that it can look like a black powder one moment and a sparkling diamond the next!

But don't be fooled ... it is still the very same carbon ... just in disguise.

Have a look at all of these different forms that carbon can take. Some of these are pure carbon and some are produced when carbon mixes with other substances.

**SAFETY: DO NOT** taste or touch any of the carbon specimens.

Make a drawing of each form of carbon listed in the table below and write a sentence describing what it looks like.

Carbon black	

Diamond

Carbon rod

Graphite

Charcoal

Carbon dioxide

Chalk

Oil	

If you are not able to look at real examples of the different forms of carbon, here are some pictures you can use:

1. Carbon black



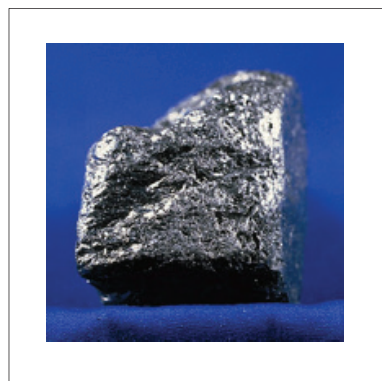
2. Diamond



3. Carbon rod



4. Graphite



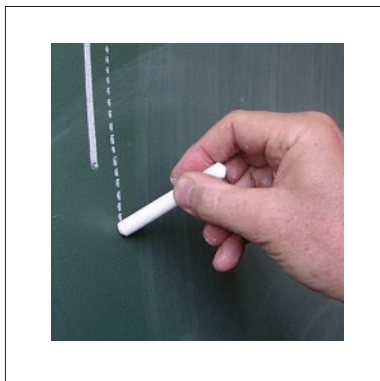
5. Charcoal



6. Carbon dioxide



## 7. Chalk



## 8. Oil

