Sage and scribe

From Education in Chemistry
rsc.li/2RF6rss
Roles

Sit with your back to each other – do not look at anyone else's work!

- Student 1: Describe the image – no naming or hints
- Student 2: Record exactly what student 1 says – no talking!
- Student 3: Draw what student 1 describes – can ask for clarification

1. Only writes
   No talking!
2. Has the picture and carefully describes it
3. Draws
   Can ask for clarification

2 mins – STOP! Write down what you think was described. Anyone correct? Now compare what was said and what was drawn with the image
Conclusion

- Using descriptions such as long ears, round head or long tail is unlikely to have helped you identify the picture nor be able to distinguishing between cats and dogs.
- The presence or absence of key characteristics such as those in the table are required.

<table>
<thead>
<tr>
<th></th>
<th>Dog-like families (Caniformia)</th>
<th>Cat-like families (Feliformia)</th>
</tr>
</thead>
<tbody>
<tr>
<td>claws</td>
<td>non-retractable</td>
<td>retractable</td>
</tr>
<tr>
<td>coats</td>
<td>plain</td>
<td>patterned</td>
</tr>
<tr>
<td>diet</td>
<td>omnivorous</td>
<td>carnivorous</td>
</tr>
</tbody>
</table>

- In chemistry we can distinguish between substances that look the same by investigating their chemical properties.