



mystery boxes

- Work in groups to try and discover what is inside each of the boxes without opening them.
- Record your observations.
- Come up with your best idea based on your evidence.





1. Write down your evidence.

2. Come up with your best idea.

3. Test all of the boxes.



In your groups, think about and write a list of all the different skills and approaches you used to work out what is inside the boxes.

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*Science is a history of
corrected mistakes.*”
Karl Popper (1902–94)

“
*The important thing is
to not stop questioning.*”
Albert Einstein (1879–1955)



Most scientists will concede that, although they seek truth, they don't know or generate truth. They propose and test theories, knowing that future evidence may cause refinement, revision, or even rejection of today's theories...

However, we can reach the best possible conclusion based on the most complete and modern evidence available.

Dr Bruce Railsback, University of Georgia

