

Mystery Boxes

1

- Use the scientific method to determine the five objects inside your box

2

Your paper should include:

- Possibilities (10)
- Tests (1-5)
- Analyses (1-5)
- Conclusion

3

Possibilities

- List 10 items that *could* be in each box
 - Each box contains 5 items
 - Each box contains the same items

4

Tests

- List 5 ways to test for your possible items *without* opening the box!

5

Analyses 1-5

- For each test, write your observations
- Did you rule out any of your possibilities?
- Do you have additional possible items?
- Do you need to run additional tests?

6

Conclusion

- What 5 items do you think are in the box?

7

Collaborate

- Compare your conclusion with another group. Can you come to a consensus?

8
