Module 3: Planning

Task 1: Sorting exercise – types of activity

Indicate where each of the practical activities should be placed in the Venn diagram. Write the activity number in the relevant space.

**Practical activities**

1. Using series circuits to explore conductivity of graphite, glass and aluminium foil.

2. Prepare a microscope slide of onion cells.

3. Explore the formation of rust on nails in air and water.

4. Compare dandelion distribution in trampled and non-trampled areas.

5. Observe the waves created by a single point dipper in a ripple tank.

6. Identify metals in salts using a flame test.

7. Explore the relationship between angle of incidence and angle of reflection using a plane mirror.

8. Compare the heat produced by different fuels.

9. Dissect a kidney to identify key features.

10. Measure the acceleration of an object down an inclined plane.

11. Measure the osmotic effect of a range of solutions on blood cells.

12. Investigate the relationship between ambient light intensity and pupil dilation.

13. Find the concentration of NaOH by titrating with dilute HCl.

14. Grow crystals of copper sulphate.

15. Separate Magdeburg hemispheres.