

Biology

1. What would you use to identify an animal or plant.
2. Name 3 differences between a plant cell and an animal cell.
3. What sample and stain do you use to view a plant cell.
4. What sample and stain do you use to view an animal cell.
5. What indicator would you use to test for the presence of starch.
6. What indicator would you use to test for the presence of protein.
7. What is the food pyramid.
8. What is the word equation for aerobic respiration.
9. What is the word equation for photosynthesis.
10. Name a mineral and its use in humans.

Chemistry

1. What is matter.
2. Name the 3 states of matter.
3. What is the difference between evaporation and condensation.
4. Give 2 differences between a compound and a mixture.
5. Explain the following terms: solute, solvent, solution.
6. What kind of solution do you need to make copper sulphate crystals.
7. The solubility of a substance increases/decreases with temperature. Write the correct sentence.
8. Name and briefly explain 3 methods of separating mixtures.
9. Evaporation is a method to separate a _____ from a _____.
10. What special piece of apparatus is used in distillation.

Physics

1. What is energy. What is it measured in.
2. What 2 instruments could you use to measure the length of a curved line.
3. What is the Law of Conservation of Energy.
4. What is the formula for speed.
5. What is velocity. What is it measured in.
6. What is mass. What is it measured in.
7. What is the formula for density.
8. Why does ice float in water.
9. What is Hooke's Law.
10. What is the formula for power. What is power measured in.

