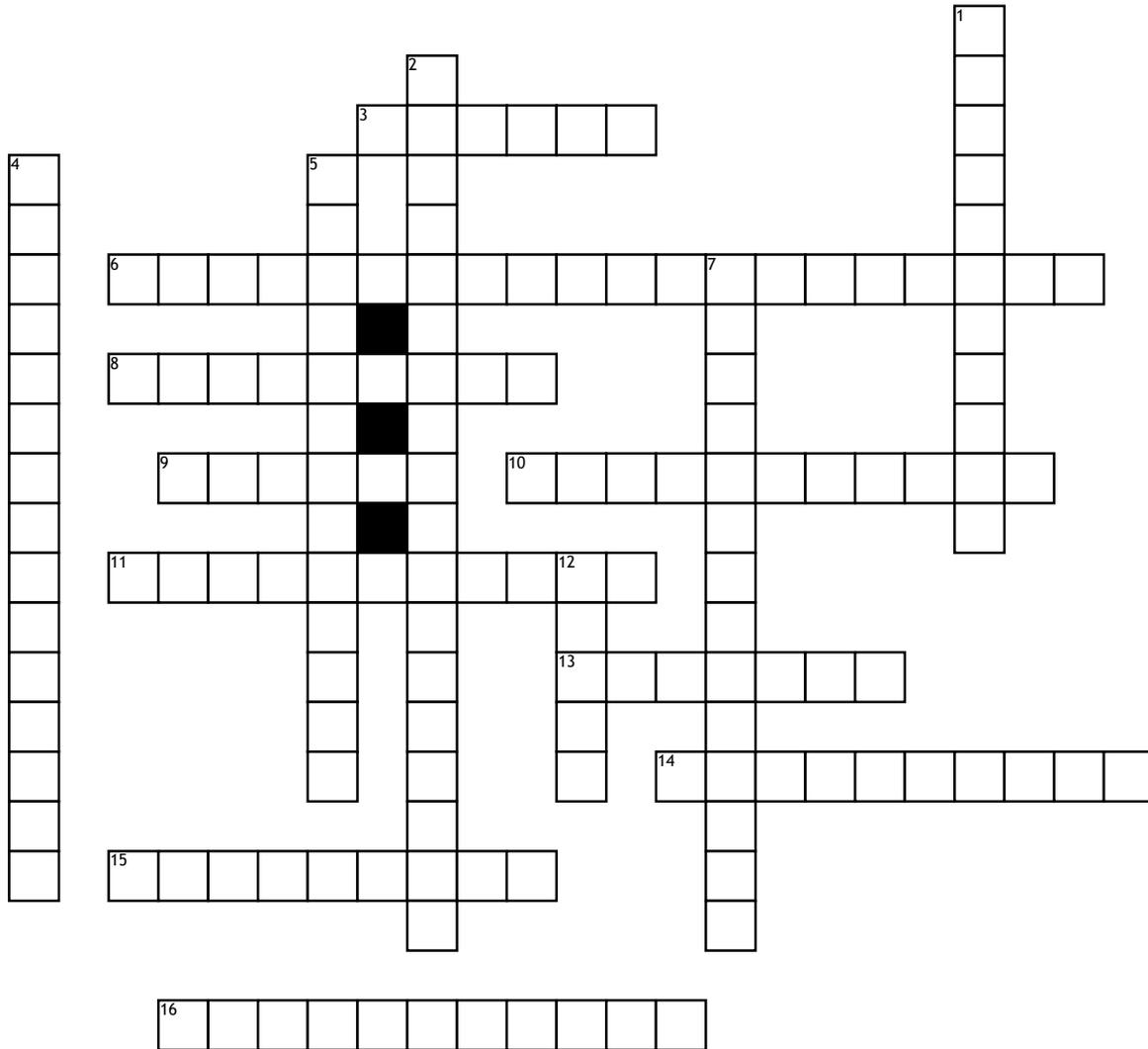


The Ingredients of Life



Across

- 3. The complete genetic information of an organism
- 6. The breaking down of organic matter by organisms in the absence of oxygen
- 8. One of the 20 nitrogen-containing molecules that make up proteins
- 9. A protein that speeds up a specific chemical reaction
- 10. Regulation of an organism's internal environment to maintain conditions needed for life
- 11. The pigment which gives plants their characteristic green color

- 13. A large group of complex nitrogen-containing organic molecules that play many crucial roles in organisms
- 14. All chemical reactions that take place in an organism
- 15. An organism that manufactures its own organic matter by using energy from the sun or other sources
- 16. An organism that obtains its energy from organic matter

Down

- 1. Organic molecules that store and transmit genetic information
- 2. The chemical process involved in the release of energy from organic matter which requires oxygen

- 4. A molecule that contains carbon, hydrogen, and usually oxygen
- 5. Organic compounds that consist of chains or rings of carbon with hydrogen and oxygen attached to them
- 7. The chemical process involved in the transformation of solar energy into glucose
- 12. A group of organic molecules that are often used by organisms in the long-term storage of energy, waterproofing, buoyancy, and insulation