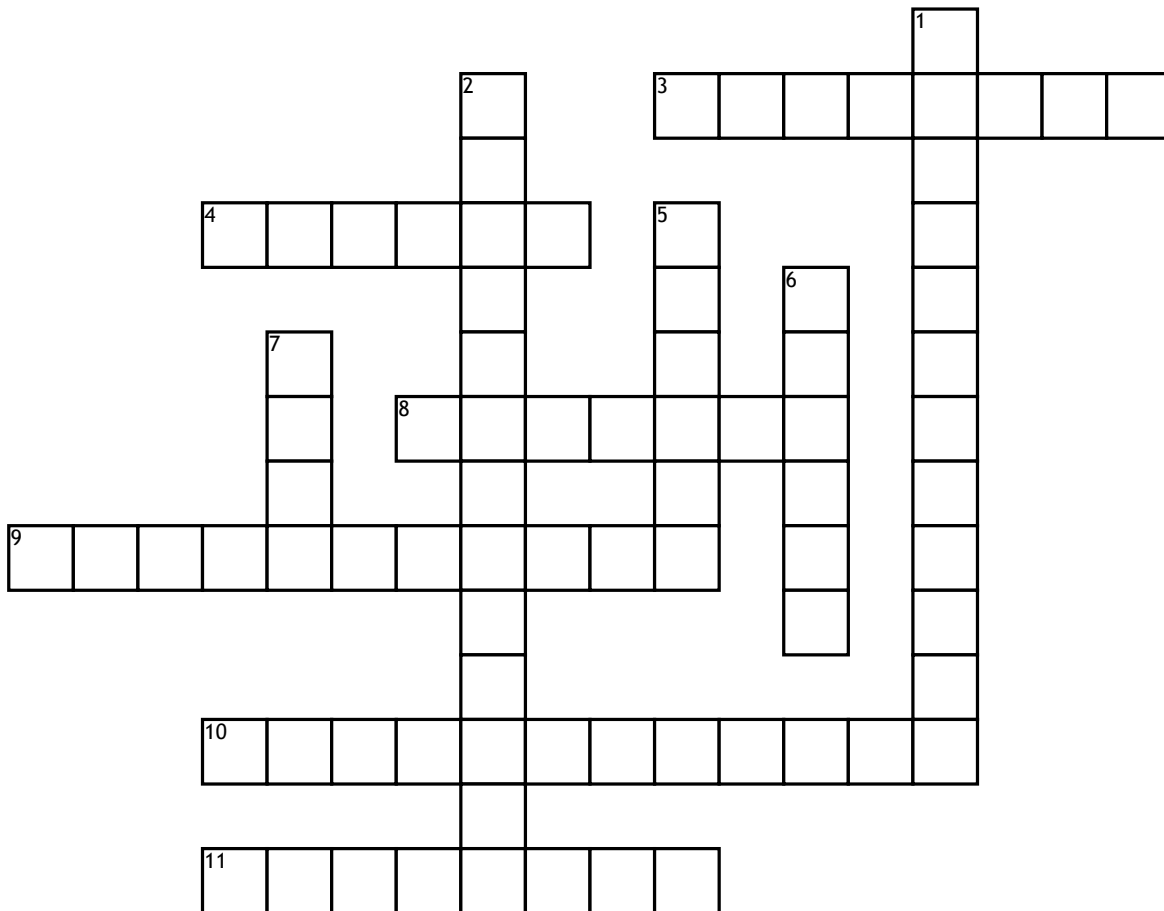


# Matter and Energy



## Across

3. A characteristic that can be observed or measured
4. Has mass and takes up space
8. Two or more substances put together that can be easily separated
9. To try to find out about something, such as a scientific problem
10. Temperature at which a substance changes from liquid to gas (water boils at 100 degrees Celsius)

11. A mixture of two or more substances dissolved to form one substance (difficult to separate)

## Down

1. Temperature at which a substance changes from solid to liquid
2. Temperature at which a substance changes from liquid to solid (water freezes at zero degrees Celsius)
5. The amount of space matter takes up
6. The ability to do work
7. The amount of matter an object has