

## Vocabulary 7

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1. **Mass**: amount of matter in an object. (p. 19)
2. **Weight**: gravitational force between an object & Earth
3. **Friction**: force that slows down motion, force that acts to oppose sliding between two surfaces that are touching; resistance encountered by moving object
4. **Force**: a push or a pull; measured in Newtons
5. **Enigma** Something hard to understand or explain. (**Synonyms: mystery, secret, conundrum**)
6. **Phenomenon**: An exceptional, unusual, or abnormal person, thing, or occurrence. (**Synonyms: wonder, exception, marvel**)
7. **Legacy**: something transmitted by or received from an ancestor or predecessor or from the past. (**Synonyms: bequest, heritage, inheritance, tradition**)
8. **Design**: the act of working out the form of something (as by making a sketch or outline or plan) (**Synonyms: plan, invent, construct**)
9. **Entrepreneur**: risk-taking businessperson: somebody who sets up and finances new commercial enterprises to make a profit (**Synonyms: maker, backer**)
10. **Query**: an instance of questioning; pose a question  
(**Synonyms: question, doubt, inquiry**)
11. **Reliability**: the quality or state of being reliable; the extent to which an experiment, test, or measuring procedure yields the same results on repeated trials (**Synonyms: dependability, trustworthiness, and consistency**)
12. **Feasibility**: Capable of being done or carried out. (**Synonyms: practicability, workability**)
13. **Momentum**: a measure of how difficult it is to stop a moving object; equals the product of mass and velocity. (p. 20)
14. **Travail**: work, especially work that involves hard physical effort over a long period  
(**Synonyms: work, labor, toil**)
15. **Stationary**: not moving immobile: fixed in position. Staying in one place (**Synonyms: motionless, still, stopped**)

Look on the back for due dates:

**Wednesday, March 4 - Roundhouse diagram**

**Friday, March 6 - Crossword puzzle**

**Tuesday, March 10 - Synonym tree**

**Thursday, March 12 - Vocabulary 8 Quiz**