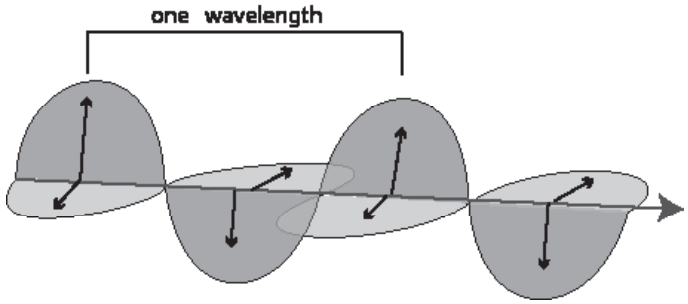
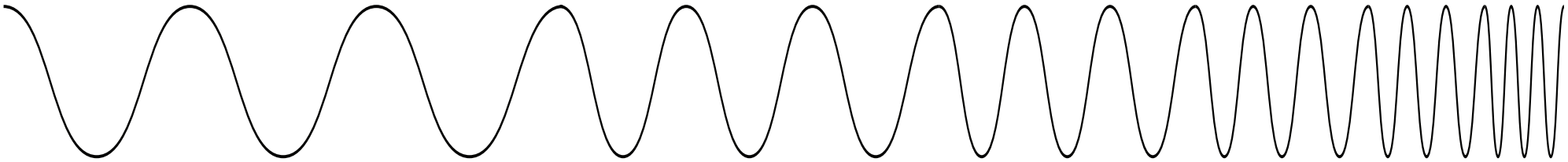
Light & Energy - 13

Arrange the types of electromagnetic radiation according to frequency.





Speed							
Size							

FREQUENCY

LENGTH

Light & Energy Information Pieces

To Make Your **MatchCard** more durable:

1. Put the student MatchCard in a clear plastic page protector.

2. Laminate the information pieces. You can also make them sturdier by covering the paper with transparent tape prior to cutting the pieces out.

3. For more ideas on how to use the MatchCards, and for keeping a notebook for review, see the Instructor's Guide.

4. The Complete Light & Energy Unit Study provides the student worksheets, answer key, and teaching activities for this and 15 other objectives. See the website for more information.


LE-13


LE-13

Radio Waves LE-13	Microwaves LE-13	Infra-Red Waves LE-13	Light Waves LE-13	Ultra-Violet Rays LE-13	X-Rays LE-13	Gamma Rays LE-13
10^4 - 10^8 LE-13	10^8 - 10^{11} LE-13	10^{12} - 10^{14} LE-13	10^{15} LE-13	10^{16} - 10^{17} LE-13	10^{18} - 10^{19} LE-13	10^{20} - 10^{24} LE-13
3 m - 3 km LE-13	3 microns - 3 m LE-13	750 nm-3 microns LE-13	380 - 750 nm LE-13	10 - 380 nm LE-13	.01 nm - 10 nm LE-13	< .01 nm LE-13