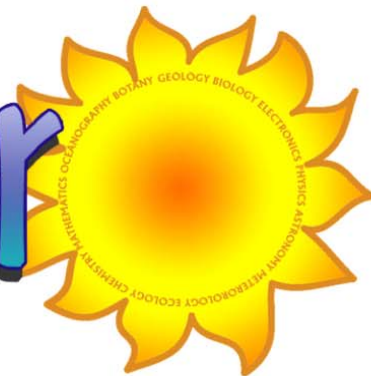


Science in the Summer



Measure Reaction Time

Distance of Fall – in centimeters

Time – in seconds

5	0.10
10	0.14
15	0.17
20	0.20
25	0.22
30	0.25

Reaction Time for most people is around 0.2 seconds!

If you are on a bicycle traveling at 20 miles per hour, you will go six feet before even starting to hit the brake if you see a dog jumping in front of you!

If you are driving a car at 60 miles per hour, you would travel 18 feet before even starting to apply the brake when you see something jump out in front of you. Of course, it will take even longer for the brakes to actually stop the vehicle.