

**GRAPHS
ARE
AWESOME!!!**



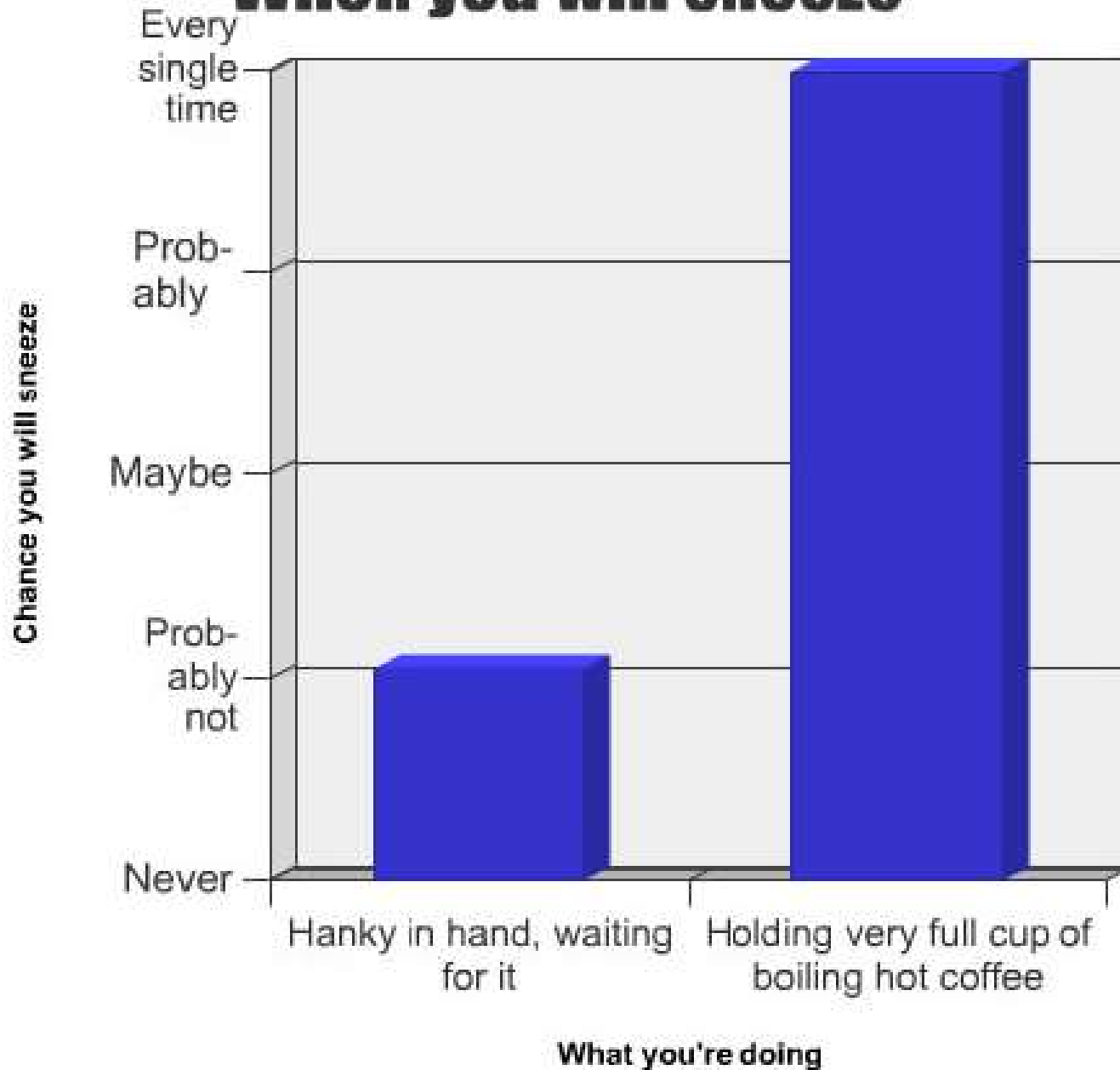
Instead of:

Solar System Data

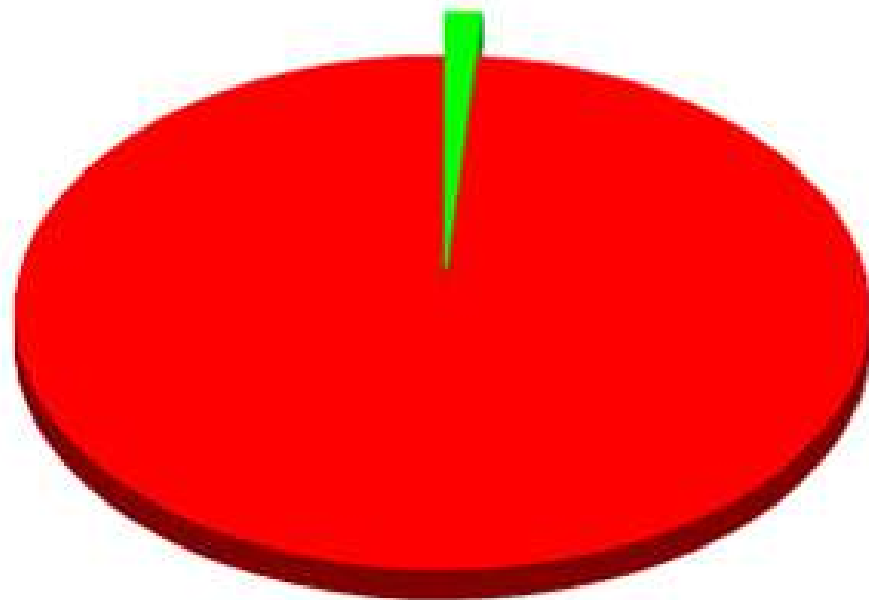
Celestial Object	Mean Distance from Sun (million km)	Period of Revolution (d=days) (y=years)	Period of Rotation at Equator	Eccentricity of Orbit	Equatorial Diameter (km)	Mass (Earth = 1)	Density (g/cm ³)
SUN	—	—	27 d	—	1,392,000	333,000.00	1.4
MERCURY	57.9	88 d	59 d	0.206	4,879	0.06	5.4
VENUS	108.2	224.7 d	243 d	0.007	12,104	0.82	5.2
EARTH	149.6	365.26 d	23 h 56 min 4 s	0.017	12,756	1.00	5.5
MARS	227.9	687 d	24 h 37 min 23 s	0.093	6,794	0.11	3.9
JUPITER	778.4	11.9 y	9 h 50 min 30 s	0.048	142,984	317.83	1.3
SATURN	1,426.7	29.5 y	10 h 14 min	0.054	120,536	95.16	0.7
URANUS	2,871.0	84.0 y	17 h 14 min	0.047	51,118	14.54	1.3
NEPTUNE	4,498.3	164.8 y	16 h	0.009	49,528	17.15	1.8
EARTH'S MOON	149.6 (0.386 from Earth)	27.3 d	27.3 d	0.055	3,476	0.01	3.3

A graph shows

When you will sneeze



When My Bed is the Most Comfortable

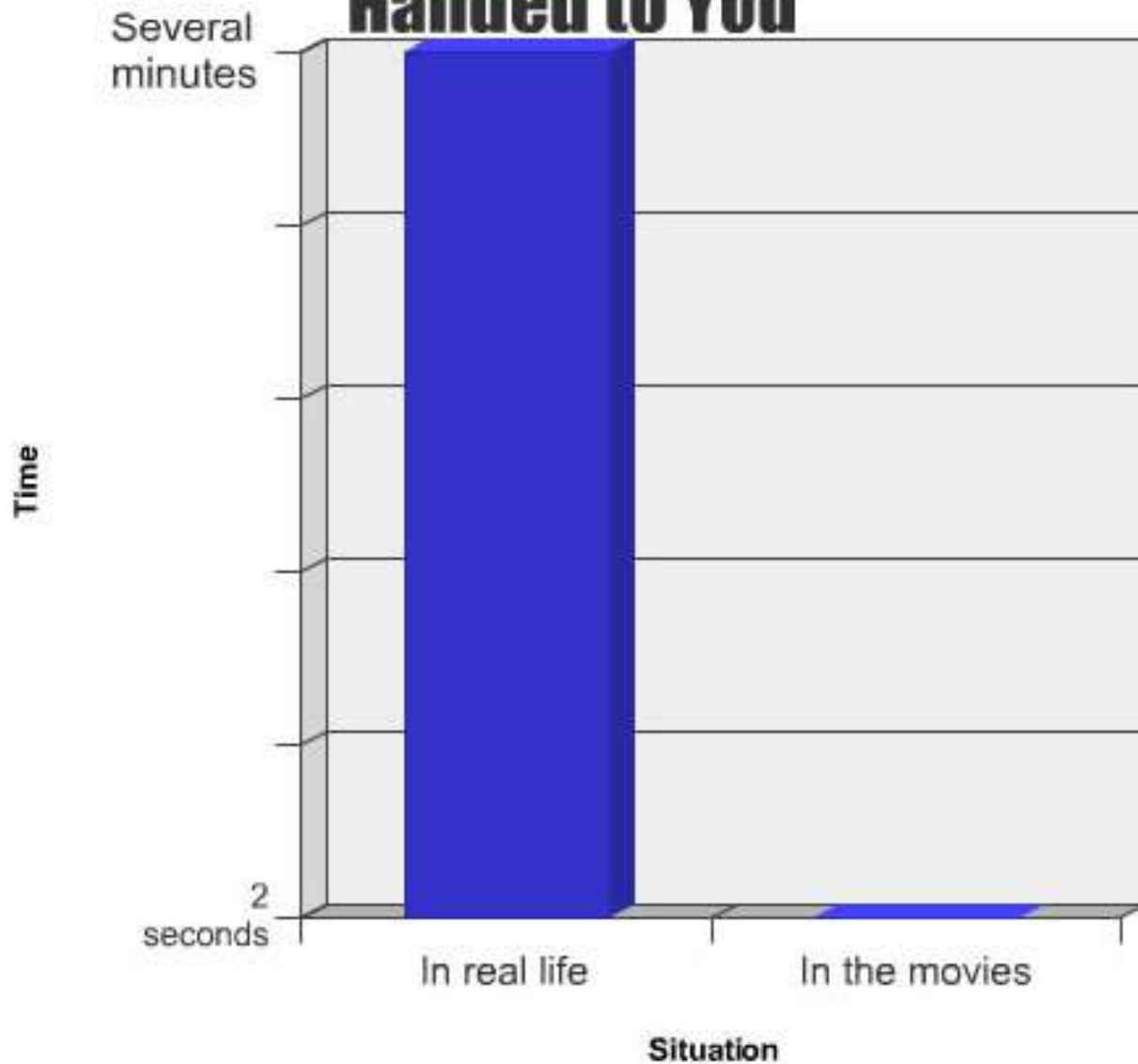


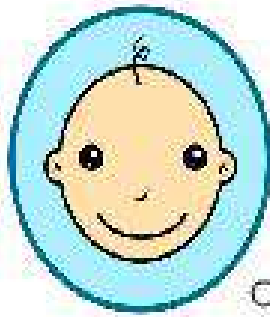
at night, when I
should be asleep



in the morning, when
I need to get up

How Long It Takes to Read the Paper Just Handed to You





Baby Entertainment

Fun Factor

OMG!
Do it
again!

Giggle

Mildly
Interestin
g

Ignored

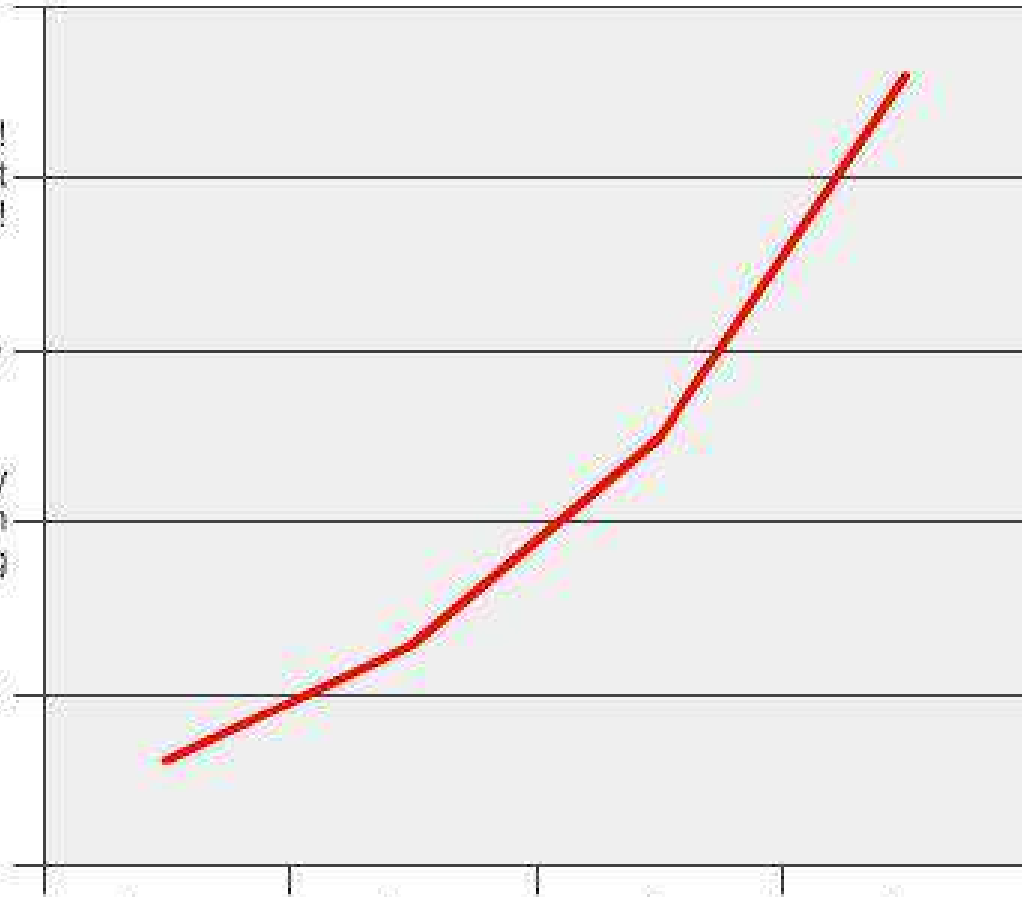
\$100
(Difficult to
Assemble
Mobile)

\$25
(Brain-
growing
Toys)

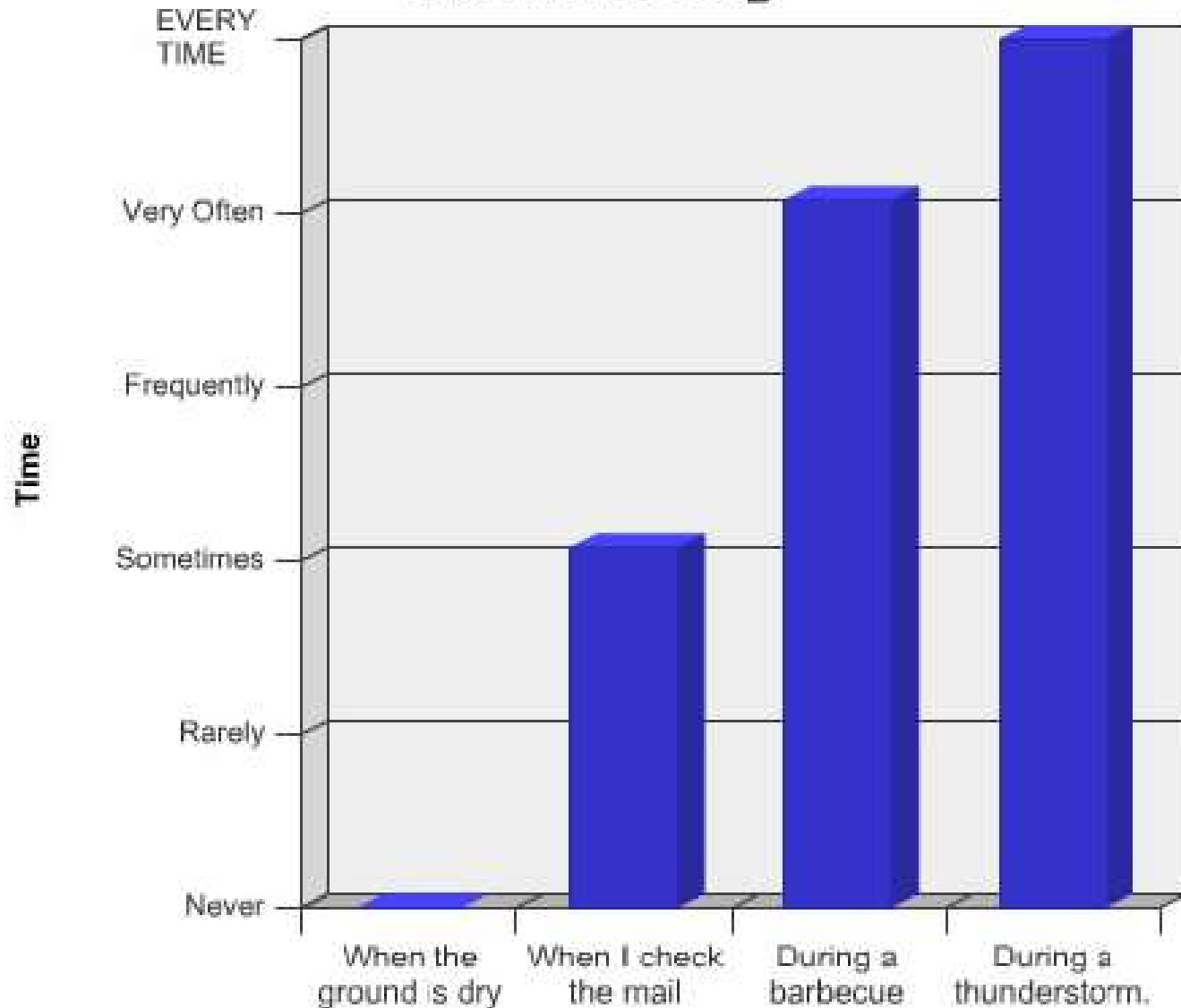
\$1
(Rattle)

\$0
(Car keys)

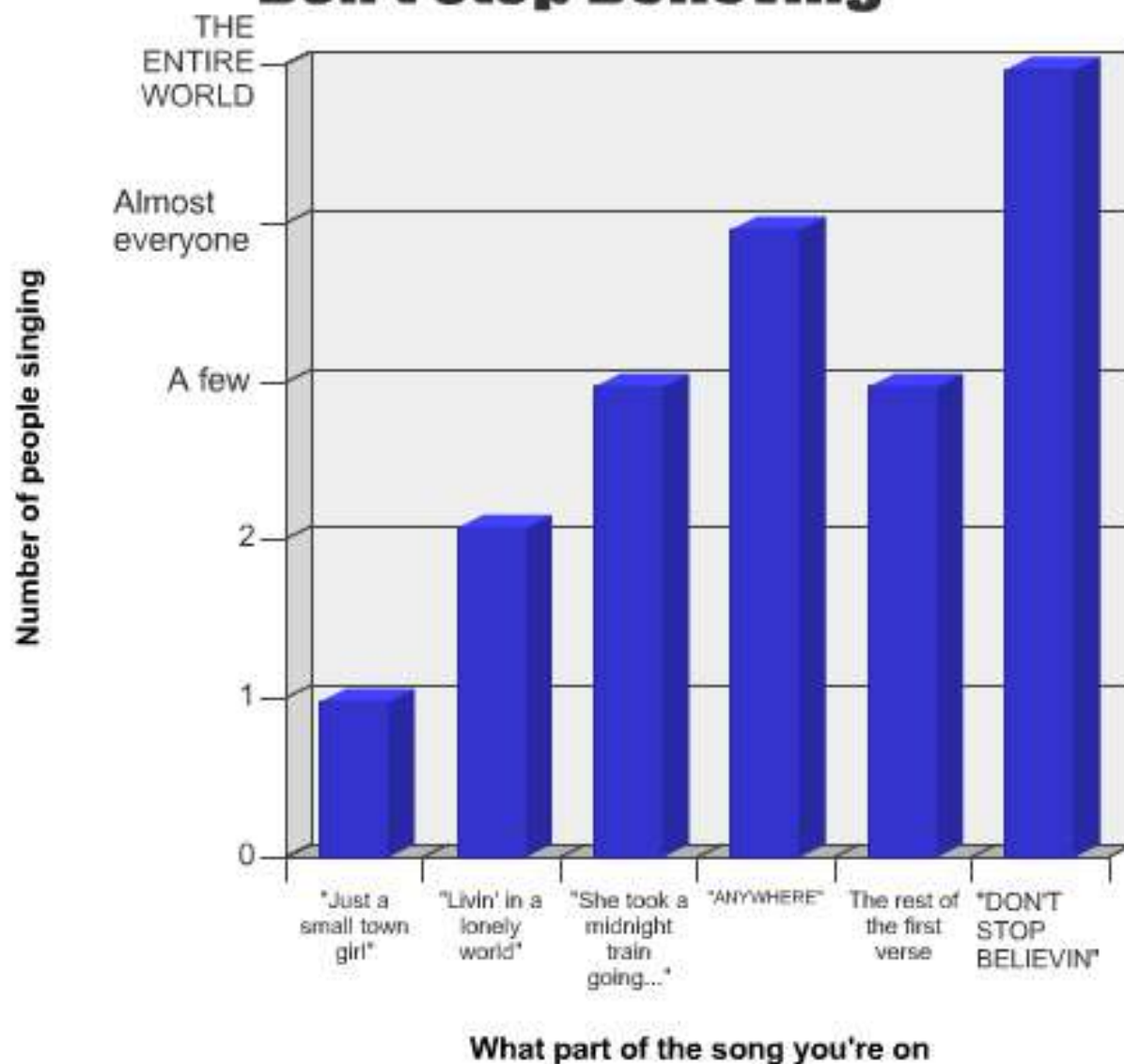
Price of Toy



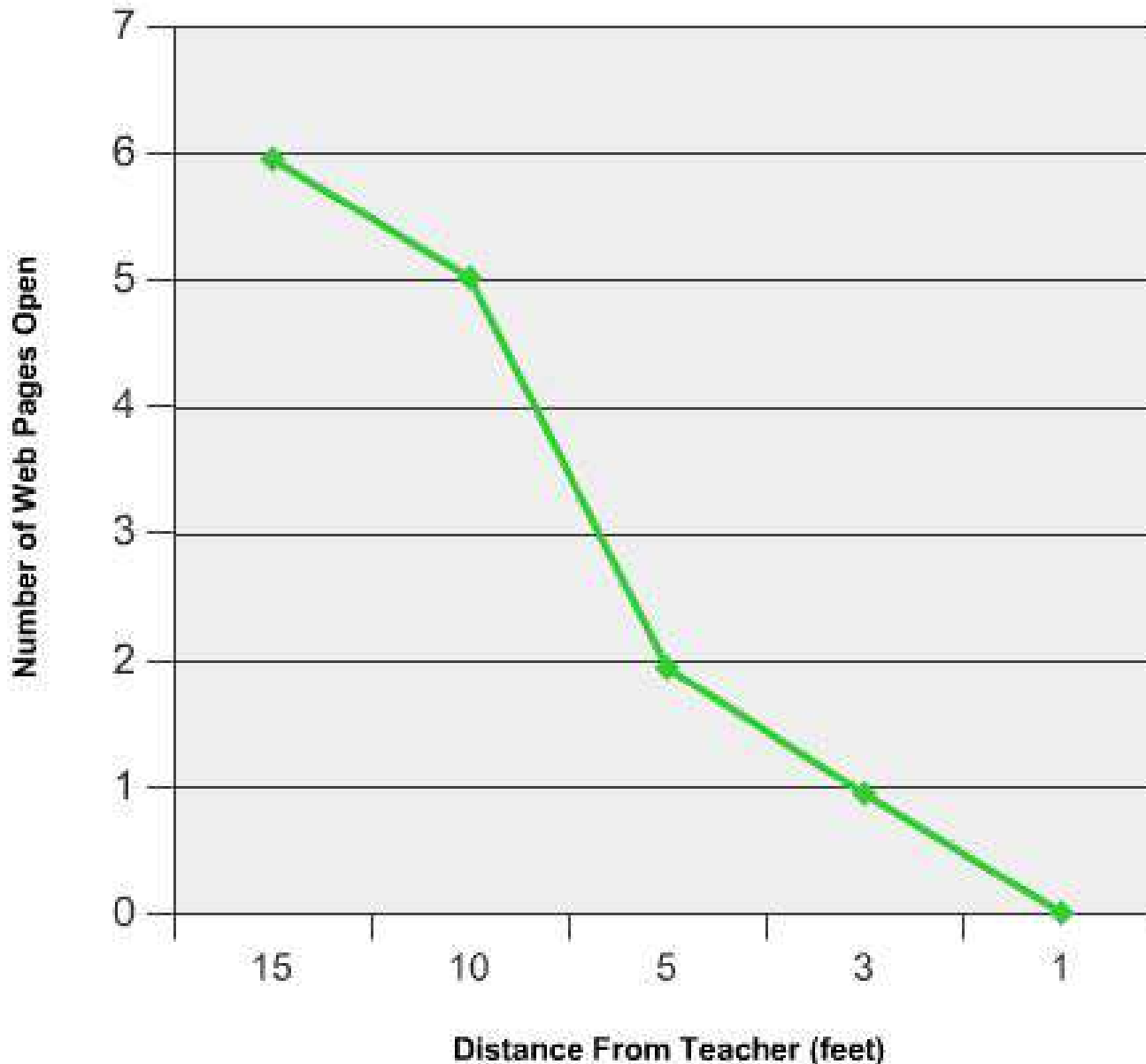
When the lawn sprinklers turn on in my community



Don't Stop Believing



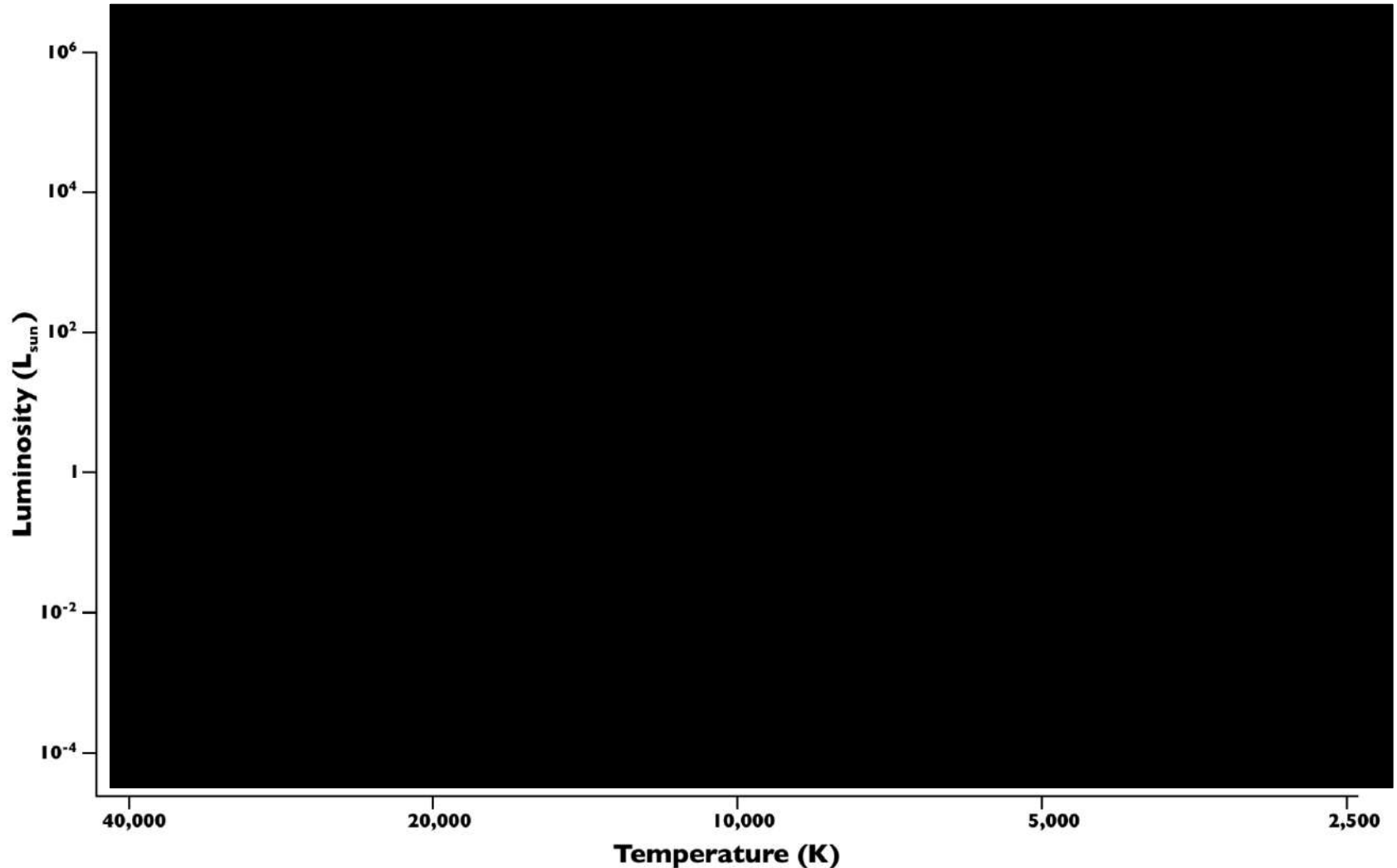
Teacher Approaching in Computer Lab...



What are 2 ways this **x-axis** is unusual?

How does that affect the way you understand the graph?

Now, let's graph data about stars!



H-R Diagram

