

Sound and Light NG

Vocab Cards

All images were located via a google search with “labeled for reuse” except for the following words which are set up and photographed by Eileen Patrick - spoon-gong system and table fiddle. For educational use only - not for sale.

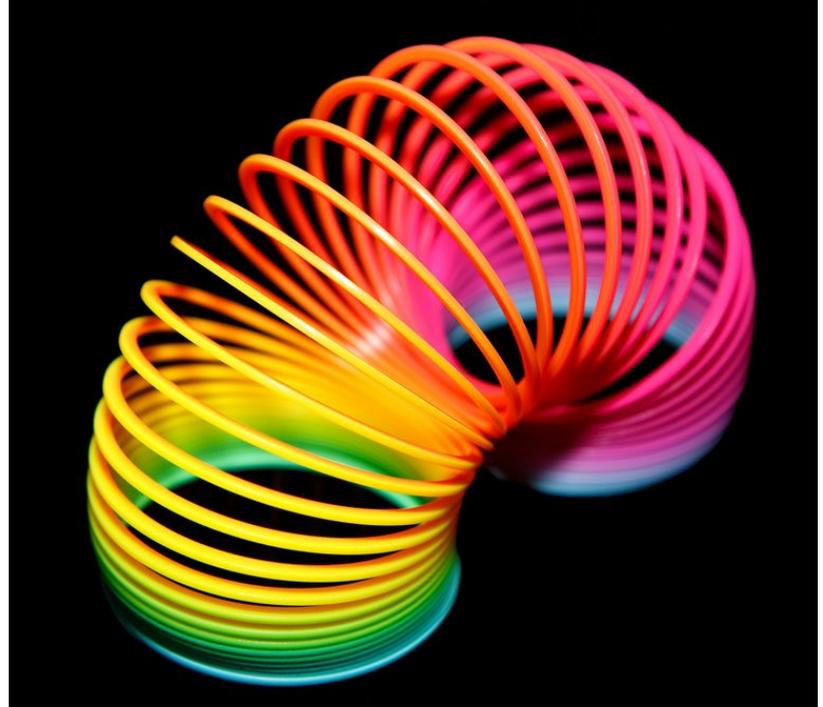
angle

to turn, move,
or point
something so
that it is not
straight or flat



back and forth motion

vibrations



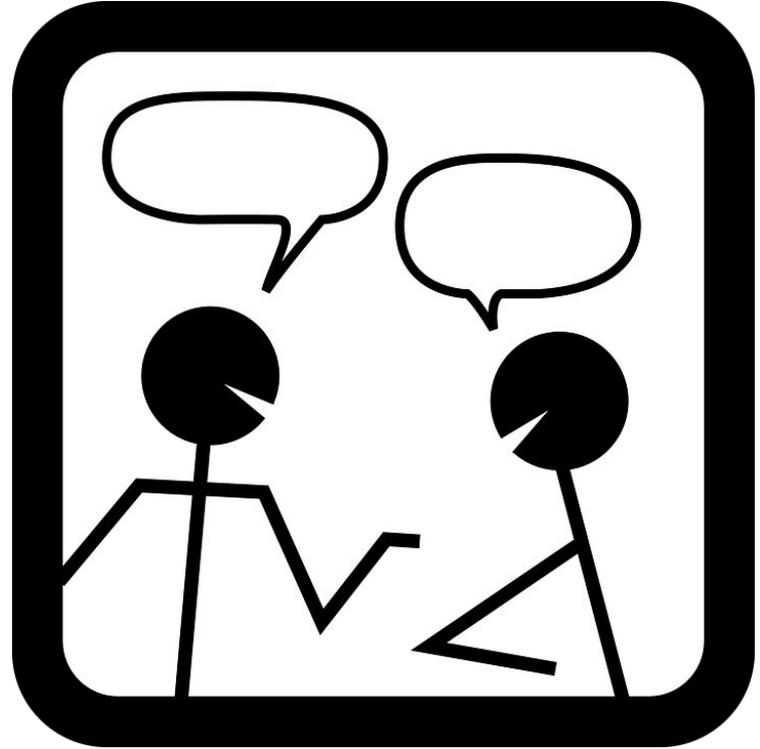
block

to place
something front
of a light source
so that light
cannot get
through



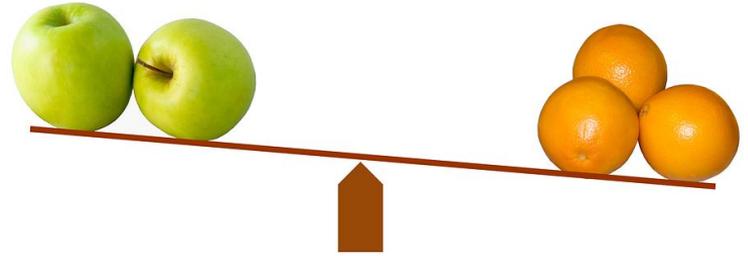
communicate

to share
information or
feelings



compare

to look at how
things are the
same and
different



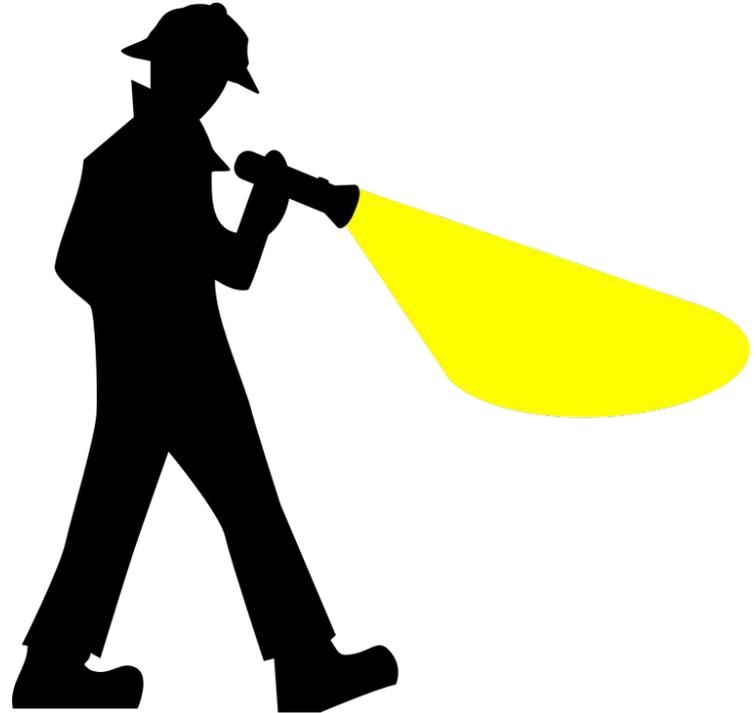
dark

when there is
little or no light



detect

to notice or
sense



direction

the position
(away,
towards)
something faces



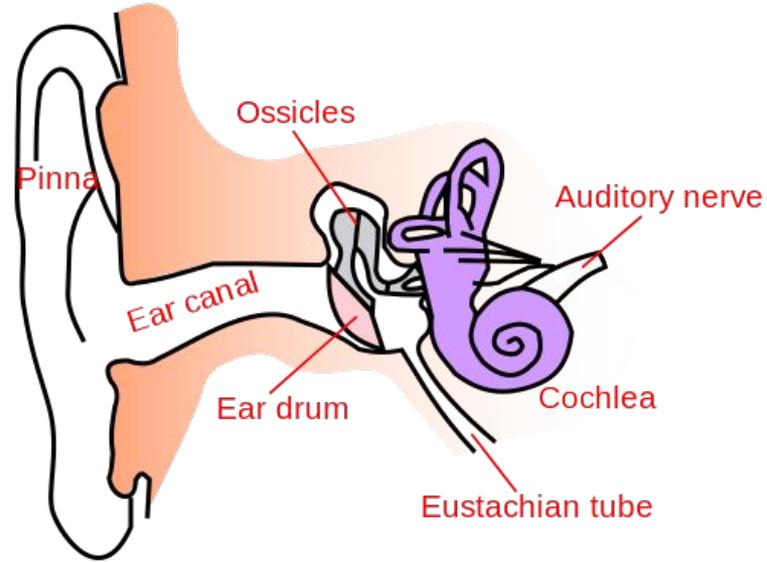
ear

a structure on
an animal used
for hearing



ear drum

a thin, flat
structure inside
your ear.



electric energy

energy present
as electricity



eye

a part of the
body that
detects light.



flashlight

a light source
that has a
lightbulb,
switch, and
batteries



gentle

not hard. A
gentle tap
produces a soft
sound.



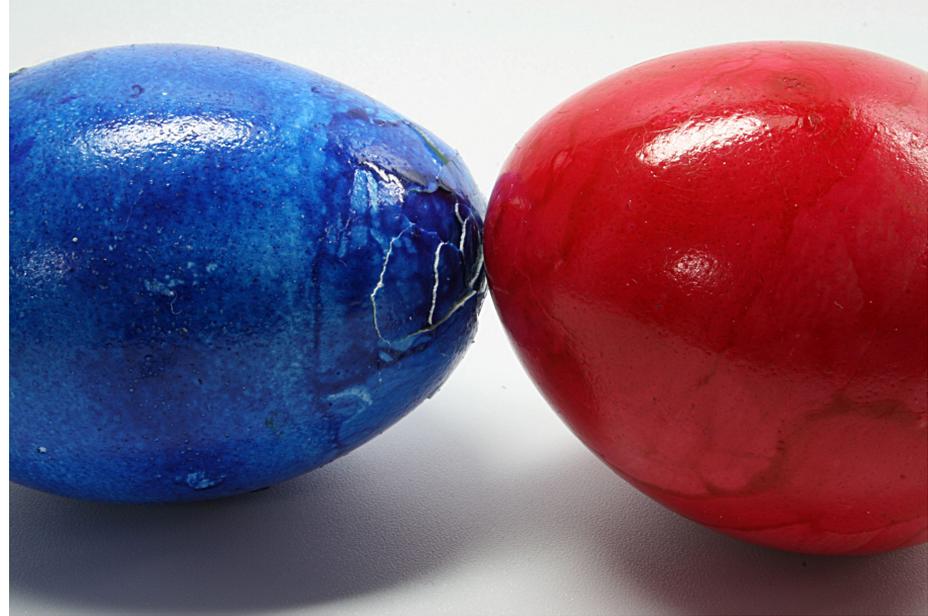
guitar

a stringed
instrument that
uses strings to
produce sound



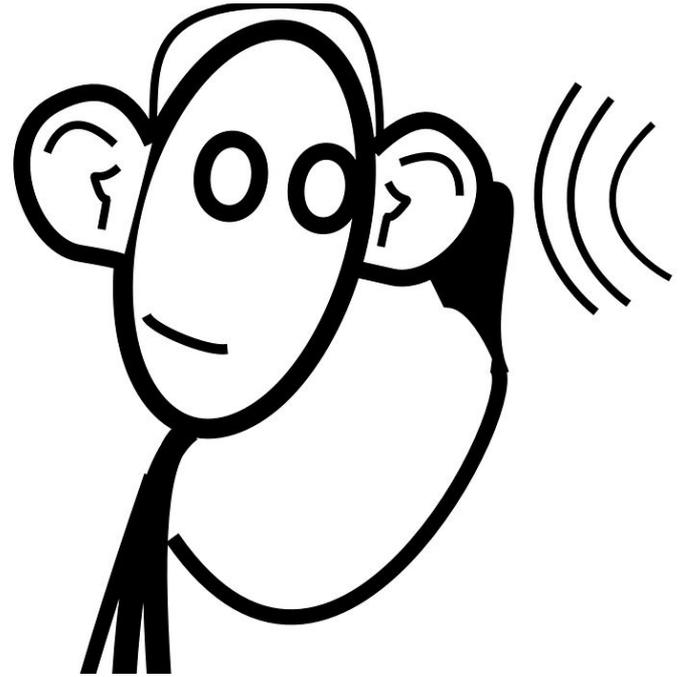
hard

not gentle. A
hard tap
produces a loud
sound.



hear

hear to sense
using your ears.



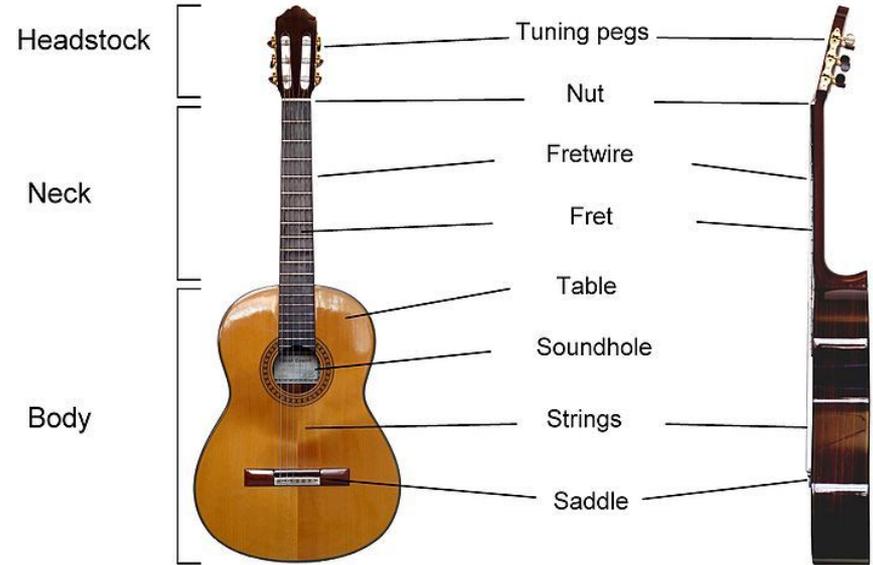
high-pitched

having a high sound. Short strings produce high-pitched sounds.



identify

to name what
something is



information

knowledge or
facts



instrument

something used
to produce
music



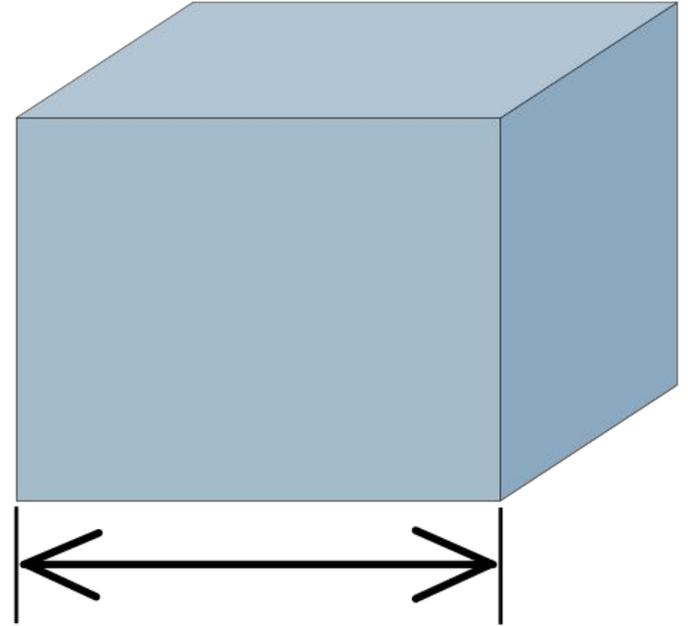
kalimba

an African
instrument



length

the distance
from end to end



light energy

that flows in all
directions from
a radiant
source



light detector

something that
notices or
senses light



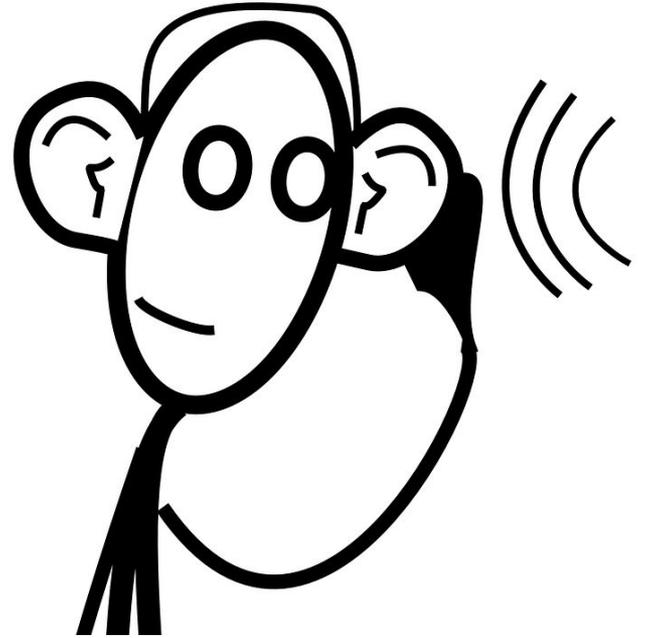
light source

anything that
makes light,
such as the Sun,
a lightbulb, or a
flame



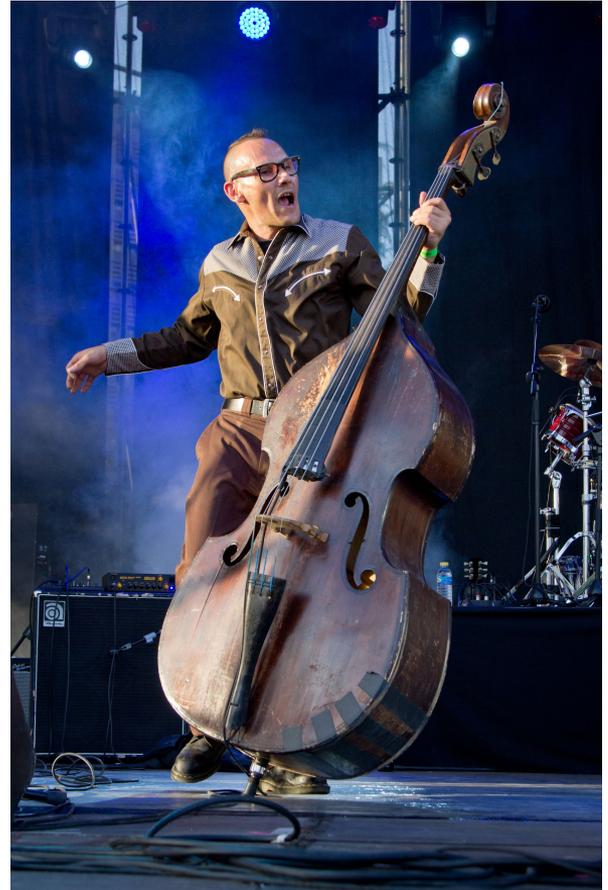
listen

to pay attention
and hear what
is being said



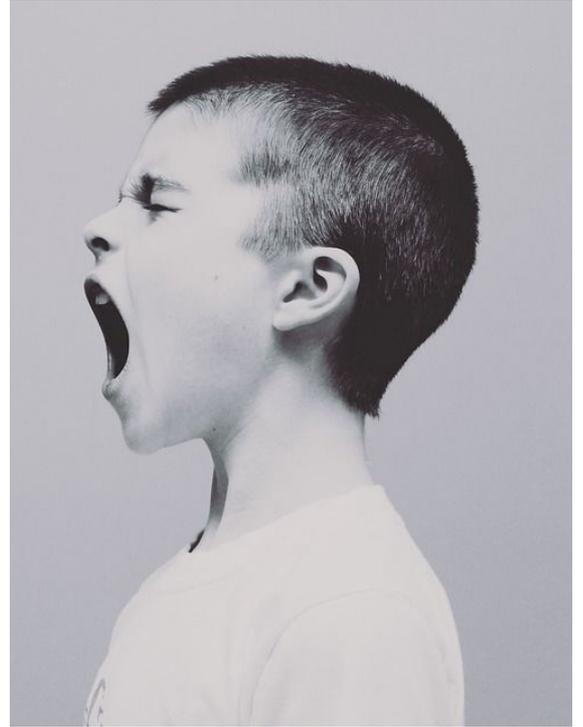
low-pitched

having a low sound. Long strings produce low-pitched sounds



loud

a large sound
that is easy to
hear



medium
pitched

a sound that is
not low-pitched
or high-pitched,
but somewhere
in between



message

communication
from one
person to
another



mirror

a shiny surface
that reflects
light



model

representation
of an object or
system for
investigation



motion

the act of
moving



observe

to use your
senses to get
information



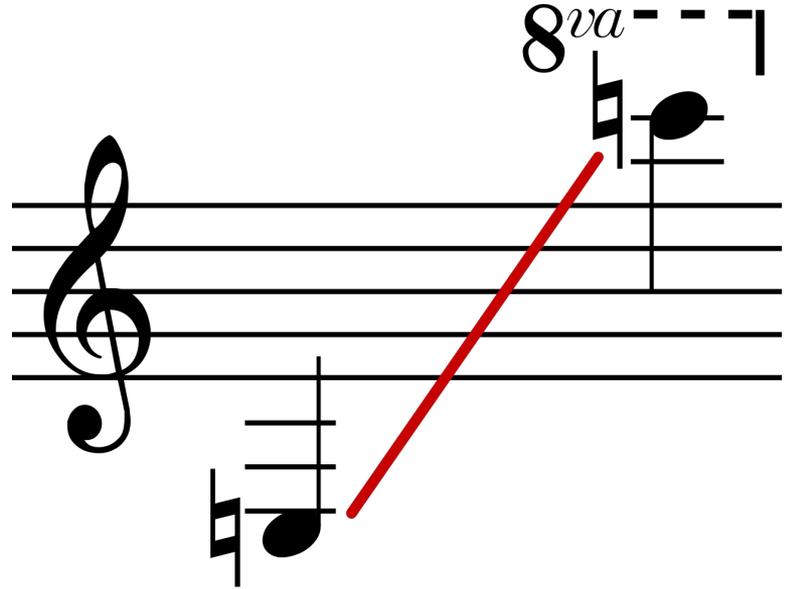
opaque

materials that
do not allow
light through



pitch

how high or
low a sound is



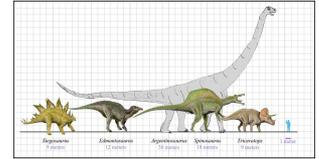
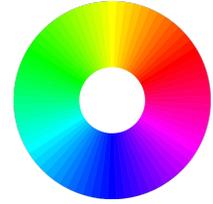
pluck

to pull the
strings of an
instrument
with your
fingers



property

how an object
looks, feels,
sounds, or
tastes



radiant

shining



redirect

to change the
direction.

Mirrors can
redirect light
beams



reflect

to bounce off an
object



reflection

the bouncing of
light off an
object



shade

a dark area
where sunlight
is blocked



shadow

the dark area
behind an
object that
blocks light



soft

a quiet sound
that is difficult
to hear



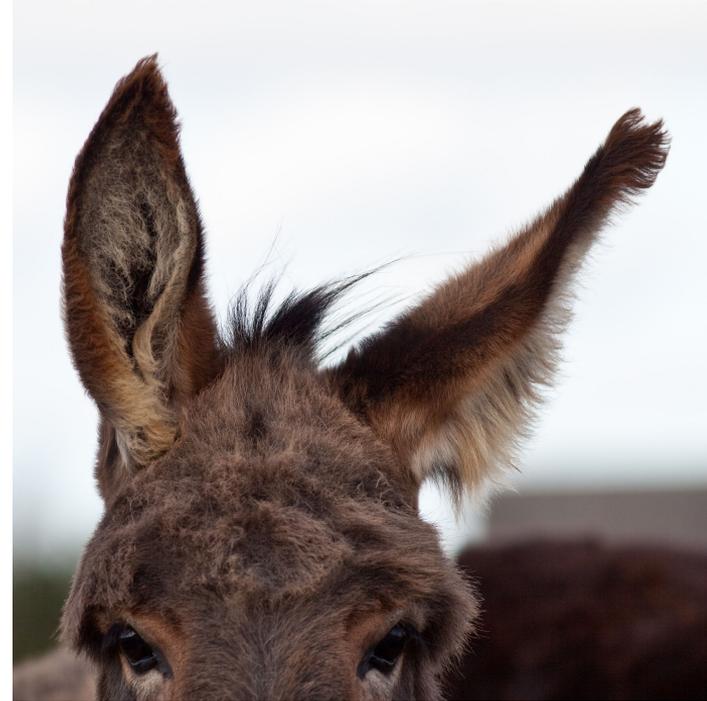
sound

vibrations that
you hear



sound receiver

something that
detects sound



sound source

an object or material that vibrates in a way that makes sound



spoon-gong system

a system made
of a spoon,
string, and cup



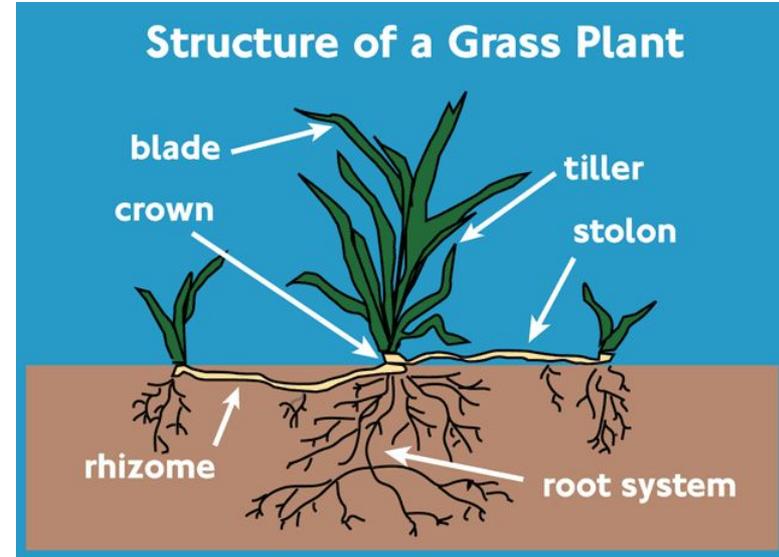
string

something that
can be plucked
to make sound.
Guitars have
strings.



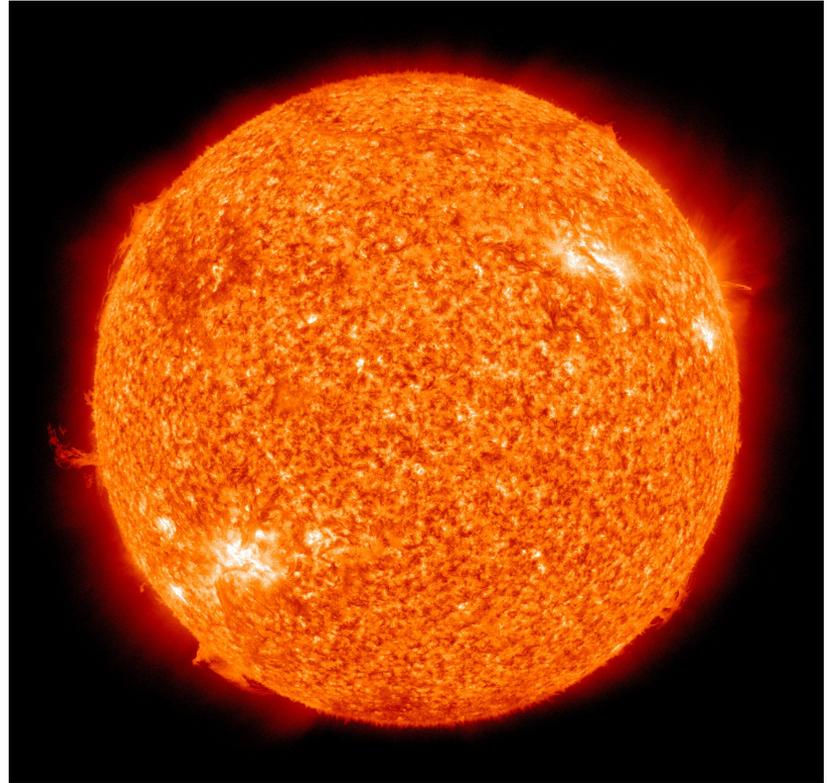
structure

any identifiable
part of a plant
or animal



Sun

a star we see in
the day sky. The
Sun is a light
source



sunlight

light from the
Sun



system

a set of objects
related in some
way

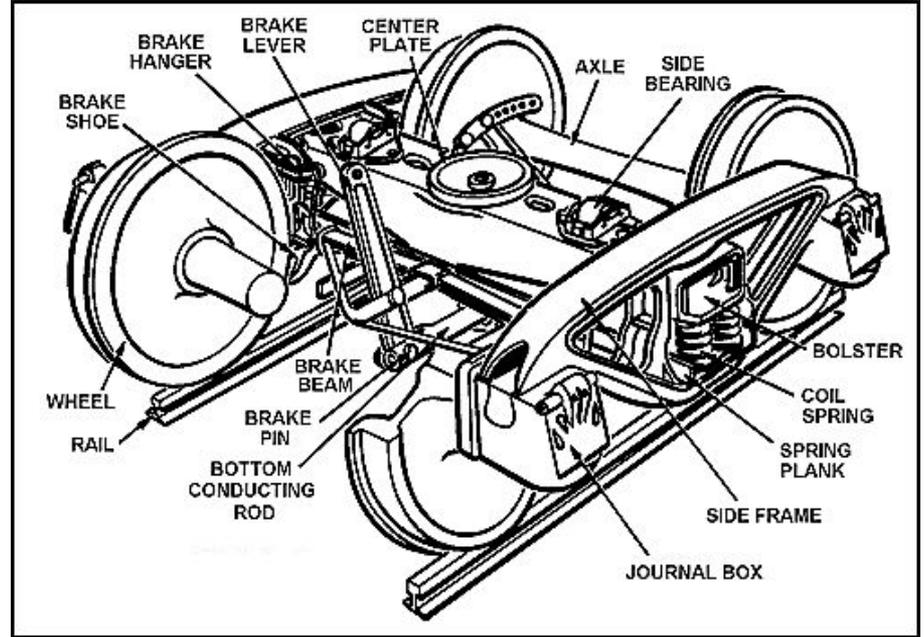


table fiddle

a simple
instrument
made of a table,
wood blocks,
and string



translucent

materials that
allow some
light through



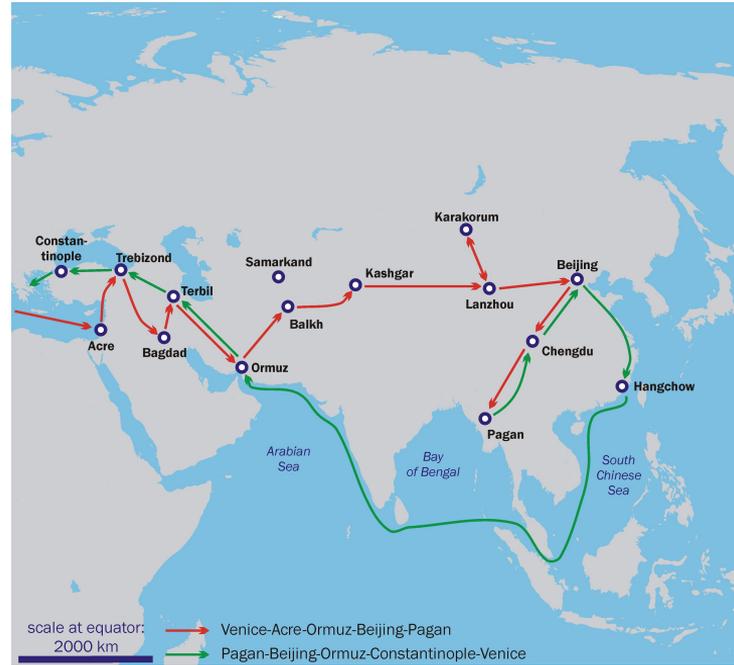
transparent

materials that
are clear and let
light through



travel

to move from
place to place



tuning fork

a device that
vibrates and
makes sound
when tapped



vibrate/ vibration

to move back
and forth
quickly



vision

what you see
with your eyes.
There needs to
be light for
vision.



volume

how loud or
soft a sound is



xylophone

a musical
instrument made
from a set of bars
or tubes of
different lengths

