

Forms of Energy

Well, heat and light and sound, you see
Are forms of en-er-gy.
All travel in waves, but first let's see
How fun Light can be.
In the E-lec-tro-magnetic
Spectrum, filled with waves
Light waves are the only waves
That our eyes can see.

Radio, microwave, infra red,
Visible light, that's ROY G BIV,
UV, X and Gamma Rays,
(Just watch out for UV).

When light rays hit an object
Some will be absorbed
They can reflect, or refract
or even pass right through.
Yes sir, opaque can reflect, or just block
Transparent you can see
Translucent's fuzzy, some go rough
And some come back to me.

And with a concave lens
The light will just diverge.
But convex, focus on "X,"
Helps us all to see.
Ya...dah...dah...oh, my,
Ya...dah..dah..nah, nah
Yah..de...dah, hah, hah,
Cha.. .che...dah.. .de..dah. .dah...dah

What makes **Sound** great
Is when things vibrate
And the pitch, in hertz, is frequency...
It's high...or low...
And volume, measur-ed in db
Is how much energy

Heat can transfer in three ways
Rad-i-ation, in space and air
Like microwaves and arshmallows
And sun warming the air.
Con-duction is passed by touch
From hot to cold, it's true.
Like pancakes on the griddle
Or that hot rock in your shoe

Convection is through the air
And water currents, too
The heat will rise, the cold will
'Til they all mix, 'til they all mix,
'Til they all mix, 'til they all mix,
Until they...have the...same...en-er-gy.
Hah, hah, hah....La...la...la.
They're all just forms of energy, Hah!

Words: Vickie Ahistrom
Tune: Friend Like Me (Disney)