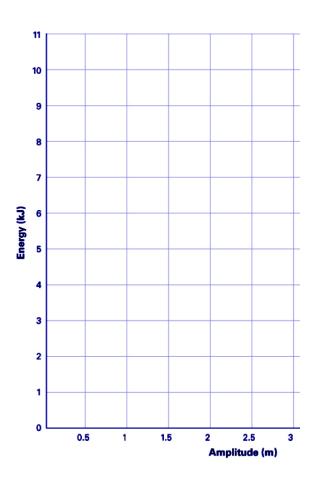
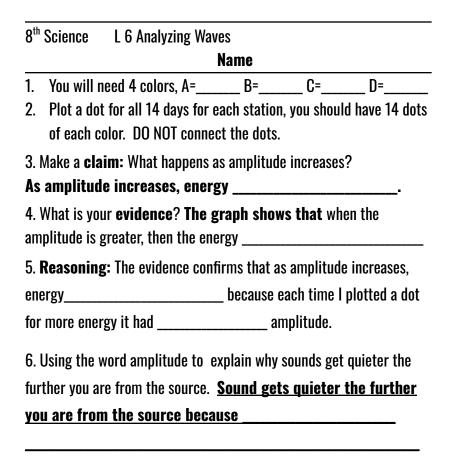
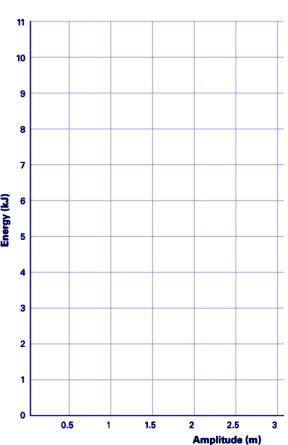
8 th Science	L 6 Analyzing Wav	/es		
		Name		
1. You will no	eed 4 colors, A=	B=	C=	D=
	for all 14 days for o lor. DO NOT conne			d have 14 dots
3. Make a cla i	m: What happens a	as amplitud	le increases	?
As amplitude	increases, energ	gy		-
	r evidence? The g reater, then the end			
5. Reasoning	: The evidence conf	firms that a	ıs amplitude	e increases,
energy		_ because	each time l	plotted a dot
for more energ	gy it had	a	mplitude.	
6. Using the w	ord amplitude to ex	xplain why	sounds get	quieter the
further you are	e from the source.	Sound ge	ts quieter	the further
you are from	the source beca	use		







Vocab Matching Lesson 4, 5, 6 Write the letter on the line

		⊢
D	machanical wave	

mechanical wave

medium

wave

light wave

sound

F. frequency

G. energy

H. amplitude

wavelength

medium

sound

energy

E.

light wave

frequency

amplitude

wavelength

is the shilit	to move of	niante ar c	cause a change
is the abilit	y lu illuve ui	<i>յ</i> յենն ՍՄ (ause a change

a wave that does not need a medium.

Can travel through empty space (vacuum) as well as through a medium

distance between the start of one wave cycle and the start of the next wave cycle

a disturbance that carries energy from place to place

the number of waves that pass a certain point in a given period of time

the size of the crests or troughs of a wave from a resting position

waves in which particles move back and forth in repeating patterns,

REQUIRES a medium to travel through

an example of a mechanical wave that REQUIRES a MEDIUM to travel through is a __

the matter that a mechanical wave travels through

1.	4.	1
2.	3.	<u></u>

abel the parts of the wave:

1 2

Vocab Matching Lesson 4, 5, 6 Write the letter on the line

A.	wave	is the ability to move objects or cause a c	hang
----	------	---	------

B. mechanical wave a wave that does not need a medium.

Can travel through empty space (vacuum) as well as through a medium

distance between the start of one wave cycle and the start of the next wave cycle

a disturbance that carries energy from place to place

the number of waves that pass a certain point in a given period of time

the size of the crests or troughs of a wave from a resting position

waves in which particles move back and forth in repeating patterns,

REQUIRES a medium to travel through

an example of a mechanical wave that REQUIRES a MEDIUM to travel through is a __

the matter that a mechanical wave travels through

1.	4.	Label the parts of the wave:	1	2
2			3	4