

BILL NYE: THE SCIENCE GUY CLIMATE



NAME - _____

DATE - _____

DIRECTIONS: WATCH THE VIDEO TO COMPLETE THE WORKSHEET. QUESTIONS GO IN ORDER.

1) “No matter how wet, warm or dry....” (complete the poem)

“Climates all start _____.”

2) What is the simple definition of CLIMATE? _____

3) On Bill’s Earth model, what section of the planet has the hottest temperature?

4) What land formation has a big effect on the planet’s climates?

5) What ecosystem-climate hold more than half of all animals and plants on Earth?



6) WAY COOL SCIENTIST = Climate Scientist

What does the scientist study to understand Earth’s climate history?

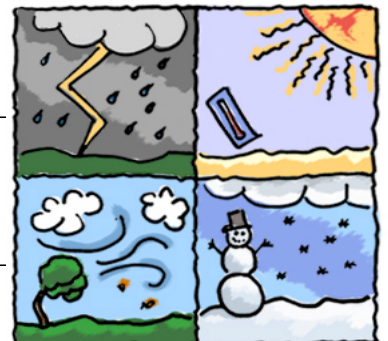
7) What is an example of a micro-climate? _____

8) In Bill’s experiment, what two gases is he comparing?

1 - _____ 2 - _____

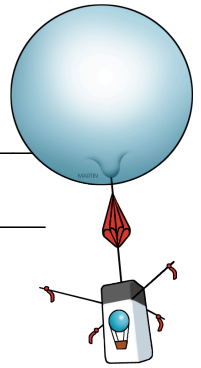
9) What career explain how our atmosphere is like a “river of air”?

10) What climate-ecosystem is Bill skiing in?



11) What are four items that weather balloons help measure in the atmosphere?

1 - _____ 2 - _____
1 - _____ 2 - _____

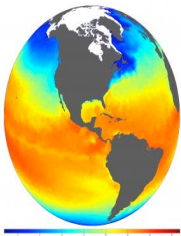


12) TRUE FALSE It doesn't snow in Great Britain during the winter.

13) TRUE FALSE El Nino has a big effect on the climates on Earth.

14) TRUE FALSE The north and south pole are desert climates.

15) BILL NYE'S SCIENCE SONG



"Climates are different all _____."

"Tropical rainforests are _____."

"Temperate forests are _____."

"Climates affect every _____."

FOLLOW-UP VOCABULARY PUZZLE

16) Find the key terms from the video in the vocabulary wordsearch.

BILL NYE'S VOCABULARY WORDSEARCH OF SCIENCE!

air
carbon dioxide
climate
desert
El Nino
equator
global warming
mountains
rainforest
temperature
tundra
weather balloon

N	D	O	H	G	I	T	T	M	M	K	T	A	G	E
K	O	U	S	L	R	R	I	O	O	R	P	N	R	D
Y	U	O	B	C	E	L	U	R	F	F	I	Z	A	I
J	J	J	L	S	I	N	Z	E	V	M	Z	S	I	X
R	W	T	E	L	T	E	Q	J	R	H	L	B	N	O
O	C	D	L	A	A	H	N	A	P	C	P	K	F	I
T	U	E	I	F	N	B	W	C	I	N	A	B	O	D
A	F	N	T	Q	L	L	R	W	E	F	I	U	R	N
U	S	V	G	A	A	Q	C	E	K	G	R	K	E	O
Q	Z	Y	N	B	M	M	W	I	H	R	U	F	S	B
E	A	R	O	G	X	I	W	T	L	T	J	Y	T	R
V	B	L	E	Y	N	L	L	I	B	H	A	O	G	A
H	G	L	Y	O	T	Z	R	C	S	N	T	E	S	C
P	T	K	U	N	T	U	M	U	B	R	B	C	W	M
A	S	K	S	V	W	F	N	W	X	E	Y	X	O	L
V	I	E	L	N	I	N	O	D	B	O	W	Q	I	R
T	E	M	P	E	R	A	T	U	R	E	Y	I	P	X
J	Y	O	A	L	Q	R	I	R	M	A	U	F	R	W