Plausibility of Models Explaining Climate Change

Name:	Date:	Teacher:	Period:
Please work on this individual	lly.		
Read the following information	n carefully.		
Humans create <i>models</i> to help e	xplain things.		
Below are two models. These princreased over the past 100 years			
Model A: Climate change is ca	used by hum	ans who are releasin	g gases into the atmosphere.
A person who supports this mod	lel makes the	following argument:	
A few gases in Earth's atmosphe Human activities are increasing are causing climate change.	-		1 0 1
Model B: Climate change is ca	aused by incr	easing amounts of e	nergy released from the Sun.
A person who supports this mod	lel makes the	following argument:	
The Sun is the main source of enyears Earth's average temperate Sun is causing climate change.	· · ·		· ·
Plausibility is a judgment we may another. The judgment may be t decision.	-	L	*
Circle the plausibility of each	model. [Mak	e two circles, one for	each model.]
Greatly implausible (or even			Highly

Climate Change Model Plausibility Ratings (MPR; 08/02/2015)

impossible)

Model A

Model B

Highly plausible