4 0	CONPTT: Is It Science? Is It A Scientific Statement?
1. Con	nsistency:
	ing under a ladder will cause bad luck. n plants will grow towards a light source.
_	ne idea of " Consistency ," which of the above statements is science and which is not. your answer.
2. Obs	servability:
	e plants are carnivorous (eat animals). terrestrial beings have visited Earth.
_	ne idea of " Observability ," which of the above statements is science and which is not your answer.
O Nati	····al-
3. Nati	ural:
	n plants convert sunlight into energy. e is life after death.
Using th	ne idea of " Natural ," which of the above statements is science and which is not. Expla swer.
4. Pre	edictability:

Using the idea of "**Predictability**," which of the above statements is science and which is not. Explain your answer.

5. Testability:
The Bermuda Triangle causes ships and planes to sink and disappear. Life comes from life and cannot come from non-life.
Using the idea of "Testability," which of the above statements is science and which is not. Explain your answer.
6. Tentativeness: 1. The number of human chromosomes was once thought to be 48, but no, thanks to better

Period:

Date:

- microscopy it is now considered to be 46.

 3. We know that the world began about 6000 years ago, and nothing will change that.
- Using the idea of "**Tentativeness**," which of the above statements is science and which is not. Explain your answer.

What if it does meet all the criteria?

What is "emerging science"?

- → Tends to conform to CONPTT, but falls short in one or two criteria
- ♦ Also called protoscience, a "near science"
- ♦ Consistent observations and predictions limited by knowledge and/or technology
- ♦ Ex: Chiropractors, mental telepathy

What is "non-science"?

Name:

- ♦ Does not meet criteria of CONPTT
- Non-science topic areas may be very logical, based on good reasoning and are very important to society, but simply do not fall within the realm of science. Science is based on evidence, not faith
- ♦ Ex: Religion, philosophy, ethics.

What is "false science"?

- ♦ Also known as pseudoscience
- ♦ Non-science portrayed as a legitimate science
- → Ex: astrology, creation science

neets the criter . Astrology is s		to predict the e	vents of one's	life from the pos	itions of the he	eavenly bodies
	s birth. No exp	periment has eve		single aspect of		
	Consistent	Observable	Natural	Predictable	Testable	Tentative
strology				1	<u> </u>	
	? If not what i	is it? non-scier	nce, pseudoso	cience, or emer	ging science.	Explain you
nswer:						
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Name: ______ Period: ____ Date: _____