

Name _____ Pd. _____

Student Note Sheet: Scientific Argumentation

1. Why do scientists make arguments? _____

2. What are the 3 parts of a Scientific Argument?
 - 1) _____
 - 2) _____
 - 3) _____
3. What is a claim? _____

4. What is evidence? _____

5. What is reasoning? _____

6. Reasoning links the _____ and data to the _____.
7. Is the data appropriate and sufficient? Complete the chart below.

<u>Evidence</u>	<u>Appropriate</u>	<u>Not Appropriate</u>
He likes basketball		
He plays basketball every weekend		
He is tall		

8. Do you think this is sufficient evidence to support the claim? _____
9. 2 questions to ask when developing strong reasoning:
 - 1) Did the reasoning provide a _____ between the evidence and the claim?
 - 2) Did the reasoning use _____ or known rules as support?