**Synthesis from Class #1 – Definition of Argument in History and Science**

*In the table below we tried to synthesize the different characteristics from the posters. We grouped ideas into four categories – claim, evidence, reasoning and other. If two or more posters included the same idea, we tried to combine the language across.*

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|  | **Similarities**  | **Differences** |
| **Claim** | * Response to a question
* Claims must be supported by evidence
* Claims emerge from evidence
* Point of View
* 3rd person
* lower levels = narrower range of claims
 | * More variety of claims in S.S.
* In science, only one variable is manipulated to arrive at claim
* S.S.: Claims are arguable but not “truth” – specific and debatable
* Science: Claims should be measurable/provable/testable
* S.S.: Not necessarily a right answer
* Science: Searching for the right answer
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| **Evidence** | * Data driven
* Gather evidence
* Use evidence to form conclusions
* Evidence is often open to interpretation
* Numerous different sources
 | * S.S.: Evidence is not always measurable/interpretation is up to reader
* Science: Evidence is factual, tangible, often testable (can be replicated)
* S.S.: Simulations
* Science: Experiments
* S.S.: Use primary and secondary sources to study the past
* Science: Self-collected data used as evidence
* S.S.: Types of evidence – artifacts and written records
* Science: Types of evidence – test results
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| **Reasoning** | * Depends on logic
* Use classifications + definitions + criteria
 | * S.S: Reasoning comes from you - more analytical/interpretative
* Science: Reasoning depends on scientific knowledge
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| **Other** | * The disciplines are interwoven
* Research
* Eyewitness testimony is used in both
* Remain neutral
 | * Different perspectives versus one perspective
* S.S: Tends to consider multiple perspectives
* Science: Tends to focus on one question at a time
* Reliability of eyewitness testimony differs in the disciplines
* S.S: Evidence 1st, Questions 2nd
* Science: Question 1st and then look at evidence 2nd
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