**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 |
| **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 |
| **Reasoning** | * Depends on logic * Use classifications + definitions + criteria | * S.S: Reasoning comes from you - more analytical/interpretative * Science: Reasoning depends on scientific knowledge |
| **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 |