

### **MPS Unit 30: Objectives**

1. to identify three reasons why we believe.
2. to list three appeals for accepting ideas and to be able to recognize these.
3. to identify data/premises and conclusions
4. to recognize, label and correct 30+ fallacies in reasoning.
5. to list a 8-step process for critical thinking
6. to separate fact, event fact, opinionated fact and opinion .
7. to list the type of evidence needed for cause-effect, identify relations and for general arguments.
8. to. diagram the structure of an argument.
9. to evaluate the acceptability of premises/data.
10. to evaluate the credibility of the sources.
11. to identify implied assumptions.
12. for premises, to determine the consistency, relevance to the conclusion and adequacy to support a conclusion.
13. to consider missing components by assuming a different perspective.
14. to assess the overall strength of an argument.
15. to recognize the need for definitions.
16. to recognize the need to isolate and control variables in order to make strong causal claims.
17. to check for adequate sample size and unbiased sampling when a generalization is made.
18. to be able to describe a relationship between any two variables as being positive, negative or unrelated.
19. to check for and understand the need for control groups.
- 20 to know when causal claims can and cannot be made.