

Demystifying 'Science' Articles

GEOTRACES

Margie Turrin - mkt@ldeo.columbia.edu

Considering 'Claims - Evidence - Reasoning' in Article Review

<p>ARTICLE QUICK LOOK:</p> <ul style="list-style-type: none"> • Title: What does the title say this is about? • Source: Who published this piece? Are they reputable? Known to be biased? • Abstract or 1st Paragraph: In your own words & in no more than 3 lines what did the opening paragraph says. • Article Conclusion: Drop to the end - what does the article conclusion add that wasn't in the abstract? 	
<p>CONSIDER THE FULL ARTICLE:</p> <ul style="list-style-type: none"> • Title Choice - now that you have read the article did the title match the article? • Word Choice - List any words that were selected to <i>Inflame</i> rather than <i>Explain</i>. • Can't Explain? What did you read that you can't explain or that was confusing? • Unexpected? What surprised you? • Vocabulary - List words you don't recognize 	
<p>ANALYZE:</p> <ul style="list-style-type: none"> • Claim - What is the claim made in this article - what did they 'think'? • Evidence - List the supporting evidence - what measurements did they provide? • Reasoning - What did they use to link their claim to the evidence? How did it connect? • Information - What additional information would have been helpful? • Author(s) - What background or training do you think the authors have? What training should they have? 	•

LIST: CLAIM _____ EVIDENCE _____

REASONING _____