**Physical Science Book – Chapter 1**

**Guided Reading**

**Book: Conceptual Physical Science Explorations**

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| *Chapter 1(pg. 2):About Science:*  What is science?  Science is not just a body of knowledge, what is it? |  |
| *1.1 A Brief History of Advances in Science(pg. 3):*  What is rational thinking?  When did modern science begin?  Why are scientific discoveries often opposed? |  |
| *1.3 The Scientific Method – A Classic Tool(pg.4):*  What is the formal method for doing science called?  According to the text, what are the 5 steps of the scientific method?  What is a hypothesis?  What is a law?  What is a fact?  What is a theory?  What is the foundation of science?  Describe how theories evolve. |  |
| *1.4 Scientific Hypotheses (pg. 6):*  In order for a hypothesis to be scientific it must be what?  What incorrect hypothesis did Aristotle make?  What important procedure did Galileo bring to science?  Why is it important? |  |