**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? |  |