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| Topic/Lesson:  **Being a Scientist of Faith in a Secular World** | |
| Essential Question:   * What is the purpose of scientific exploration? * What does it mean to live a life of faith? | |
| Knowledge:   * Understanding the meaning of our call to stewardship of creation in Genesis * Understanding our world as one of relationships (to God, to each other, to our world) * Scientists who are able to reconcile their faith with their careers - in the past and present * Ethical principles for scientists to follow * Fields of socially responsible scientific inquiry | Skills:   * Analyze the issues that have arisen as a result of scientific exploration - ethical questions * Synthesize the perspectives of religion and science to create a profile of a faithful (or faith-filled) scientist |
| Content/Method:   * Pre-assessment - agree/disagree with a series of belief statements * Discussion of essential questions * Lesson/Research on Catholic scientists past and present  (inters.org) * Guest lectures/presentations of scientific career choices (karin Oberg!) * Lesson on ethical principles of scientific exploration | |
| Assessment:   * Pre-assessment * Research/Reflection on Catholic scientists * Case study of Modern scientific discovery * Profile of a faithful scientist (group project) with tie in to ethical principles exhibited by the scientist | |
| Standards:   * NGSS - scientific standards   + HS-ESS3-1: Construct an explanation based on evidence for how the availability of natural resources, occurrence of natural hazards, and changes in climate have influenced human activity.   + HS-LS2-7: Design, evaluate, and refine a solution for reducing the impacts of human activities on the environment and biodiversity   + Understanding the Nature of Science: multiple standards * Bishop’s framework - theological standards   + III. The Mission of Jesus Christ (part V. MOral implications for the life of a believer/ B. Universal call to holiness of life and C. Living as a disciple of Jesus)   + Elective Option A: Sacred Scripture (The Pentateuch A/B)   + Elective Option C: Living as a Disciple of Jesus Christ in Society ( II/III/V) | |
| Resources:   * Inters.org * Society of Catholic Scientists (membership required?) | |
| Time:  5 days | |