Homeschool End-of-Year Report Example

This information is intended to assist homeschoolers in creating their own end-of-year reports. Please do not use it for any other purpose. This is an excerpt of our report and does not fully reflect our work. Though I have included the completed information for the first three topics to provide an idea of the kind of detail I record, the remaining topics have only their titles. If you have any questions, feel free to email me at gwyn@STEAMPoweredClassroom.com.

Homeschool Summary
Student Name, age

Math
Topics Covered: Algebra I, Fractals, Math logic puzzles
Resources and Activities: Khan Academy, Art of Problem Solving (Alcumus module and Algebra I textbook), PBS documentary on fractals, Vi Hart, Math Bafflers, gift wrapping lessons.

History
Topics Covered: European Renaissance through Age of Enlightenment (1800)
Resources and Activities:
  Renaissance Unit
  • Week 1: General Overview/plotted timeline (used Schlessinger’s Renaissance for Kids DVD series throughout the 6 weeks, various library books on the Renaissance, Horrible Histories Stuarts and Tudors books)
• Week 3: Science and Medicine (*Galileo’s Leaning Tower Experiment* by Wendy McDonald, *Pippo the Fool, Poop Happened*, discussion of Kepler and the laws of planetary motion, general research, watched *Ever After* for pizza movie night, interactive computer game that lets you make cathedrals and explore various building techniques)


• Week 5: Exploration and the Reformation (examined Vasco de Gama and Columbus, looked at exploration maps, held debate between Martin Luther and the pope)

• Week 6: Royals (*Kings and Queens of Britain* by Usborne, watched *Elizabeth I* History Channel documentary)

Age of Enlightenment


• Week 3: Science (Isaac Newton, Lavoisier, Euler, Ben Franklin, watched documentary on Isaac Newton, read Isaac Newton biography by Kathleen Krull)

• Week 4: Music and Art (William Hogarth study; art activities in the downtown area)

• Week 5: American Revolution (Liberty’s Kids DVD series)

Science

**Topics Covered:** Earth Science, Physical Science, Science Olympiad (Trebuchet, Space, and Rube Goldberg events), Rube Goldberg projects, scientific method

**Resources and Activities:**

• Took one semester of Earth Science at public middle school

• Visited Shedd Aquarium and the Field Museum in Chicago

• Watched online videos and *The Way Things Work* DVDs on simple machines

• *Forces and Motion Science Fair Projects* by Robert Gardner – worked through most of this book doing various experiments that explored all the simple machines (pendulums, friction, springs, circular motion and trajectory, etc.)

• *Zombies and Forces and Motion* by Mark Weakland

• Disney DVDs on energy, trajectory, etc.

• Velocity experiments using Vernier data collector

• Great Courses Joy of Science lectures (fission and fusion, life cycle of stars)

• Read *Physics of the Future* by Michio Kaku

• Rube Goldberg planning and building (falling pendulum, etc.)

• Bill Nye DVDs (pressure, motion, etc.)

• Astronomy study for Science Olympiad (focus on stars)

• TED-Ed talks

• Contraptions kit building

• Attended university talk by Jack Bacon, “futurist”

• Built rockets on Lego/NASA interactive site
Reading/Writing/Literature
Physical Education
Home Ec
Music
Social Consciousness Building
Logic and Philosophy
Language
Leadership and Public Speaking
Entrepreneurship
Other