

Galileo and Newton

KS2 school session at the 1620s House & Garden

National Curriculum Links: Local Study, English & Science

Delivered by Andrew McWilliam from Chorus Theatre

<https://www.chorustheatre.co.uk/>

(free pilot session)

Time: 10am to 2.30pm

Inspired by the Scientific Revolution during the 1600s



Using practical drama techniques and role play, the participants will learn more about two prominent scientists, Isaac Newton and Galileo Galilei.

The key objective of the session is to uncover the lives of Galileo Galilei and Isaac Newton using creative drama techniques. This will involve learning about the scientific theories of both individuals. Throughout the session the pupils will learn the following:

- Who was Galileo Galilei?
- What did Galileo discover?
- Who was Isaac Newton?
- What were Isaac Newton's first three laws of motion?
- The order of the solar system

By the end of the session the pupils should have:

- Gained a further understanding of the events surrounding Galileo and Newton
- Developed a wider vocabulary of scientific terms
- Gained an understanding of The Planets
- An understanding of Newton's laws of motion
- Been given the opportunity to communicate their understanding and to ask questions

Pupils should be taught to:

- Listen and respond appropriately to adults and their peers
- Ask relevant questions to extend their understanding and knowledge
- Articulate and justify answers, arguments and opinions
- Maintain attention and participate actively in collaborative conversations
- Use spoken language to develop understanding through discussion and exploring ideas
- Speak audibly and fluently with an increasing command of Standard English
- Participate in discussions, presentations, performances, role play, improvisations and debates
- Consider and evaluate different viewpoints, attending to and building on the contributions of others
- Select and use appropriate registers for effective communication