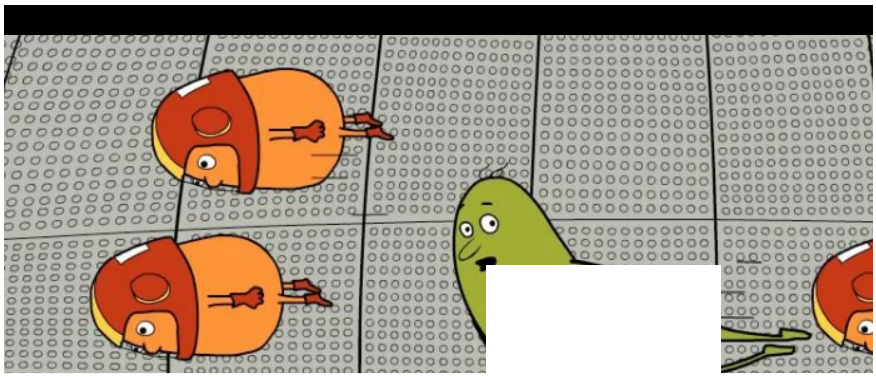
QUALITY ASSURED

Hunting the Higgs

The lesson begins by viewing the animation set inside the Large Hadron Collider (LHC), and a brief discussion about its contribution to obtaining evidence for the Standard Model.

Students then research and present information about physicists who have played an important role in the development of particle physics. They use selected web sites – as well as those they discover themselves – to find out about the nature of each physicist's work, and how it contributed to the development of the scientific theories and models of modern physics.

The lesson ends with a discussion about collaboration in science. Why has so much research evolved from being an activity carried out by individuals to an international endeavour carried out in teams? What are the impacts of this approach on scientific discovery?



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