



Science Center To Go (SCeTGo)

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Science Centers and Museums offer intriguing exhibits that enable their visitors to experience science first hand by actively manipulating the experiments, thus delivering natural ways of active playful learning. Modern technologies like Augmented Reality (AR) are often used to enrich the experience and display otherwise hidden phenomena. However, experiencing AR requires visiting the Science Center or Museum.

The SCeTGo approach goes one step further and aims to bring similar comprehensive learning experiences out of the SC **into a school's classroom** and/or everyone's home. Its **miniature exhibits** - by "fitting into a pocket" and operating with ordinary hardware - enable learners to experiment whenever and wherever they please.

SCeTGo by using AR not only enriches the teachers' and students' optical view with relevant information but also allows them to interact dynamically with the miniature exhibits and teach/learn by doing. The SCeTGo system **is easy to operate**. As it is based on common devices there are no real obstacles that a potential learner has to overcome in order to use the system.

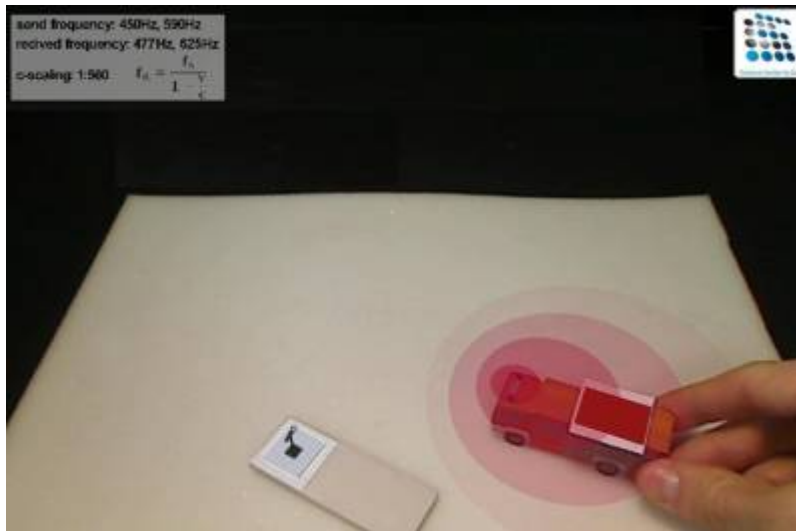




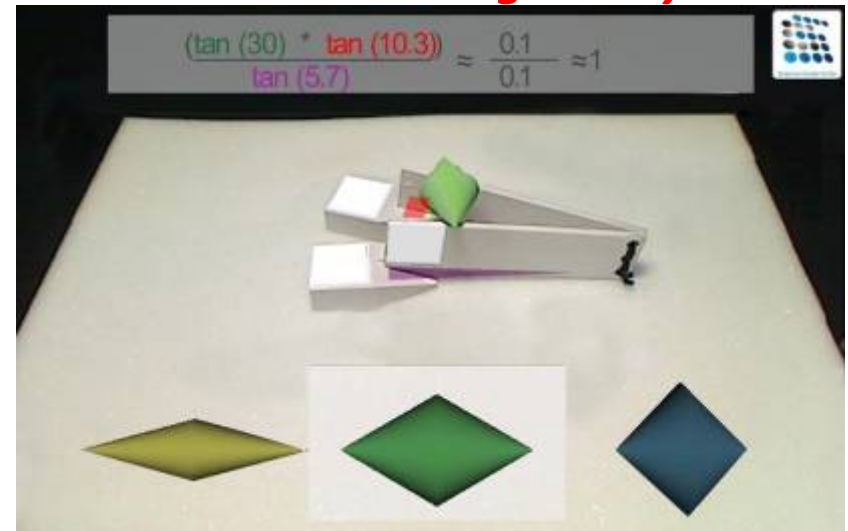
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The SCeTGo Educational Kit (delivered in the form of a small suitcase) consists of **five** miniature exhibits covering the following areas of Science:

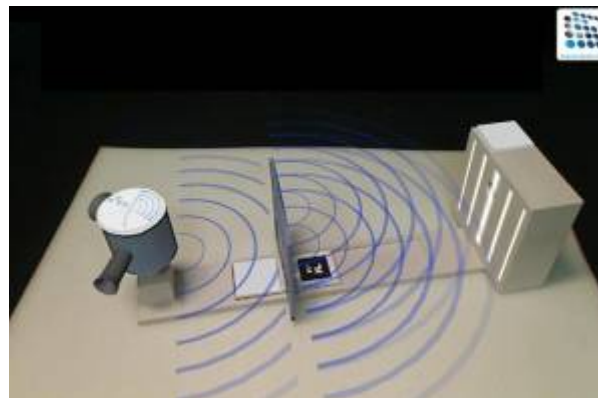
Wave propagation- *Doppler Effect*



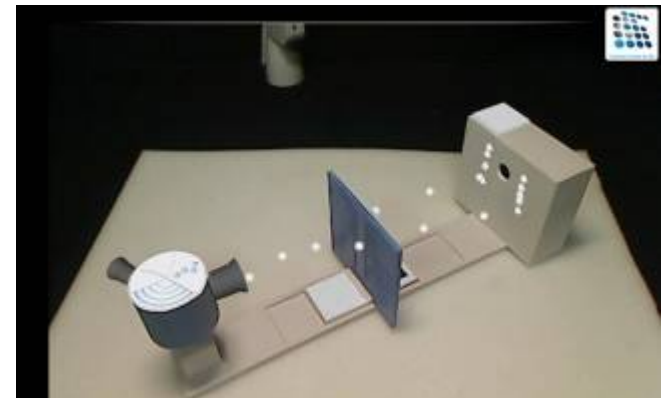
Classical Mechanics-*Rigid body motion*



Quantum Physics – *Young's Double Slit Experiment*



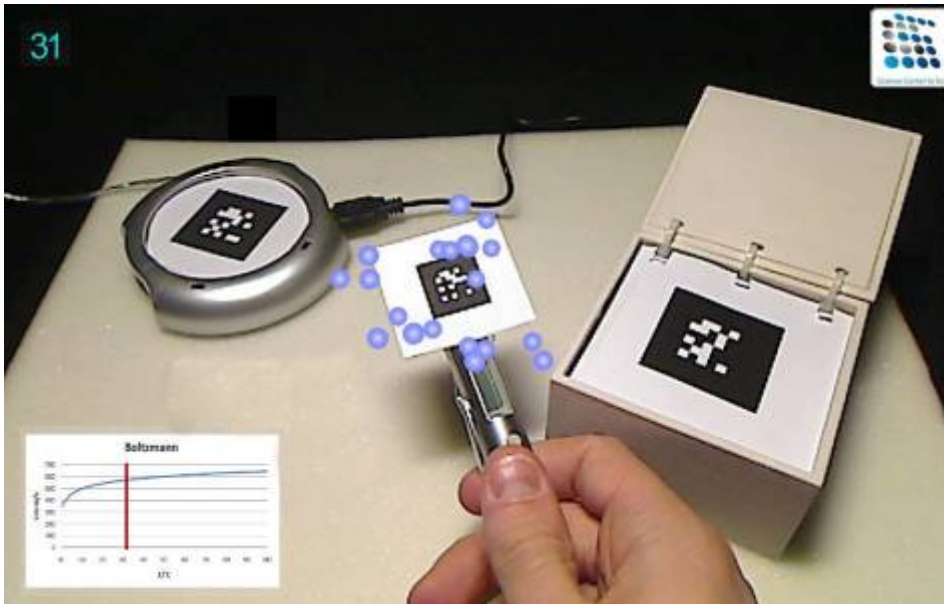
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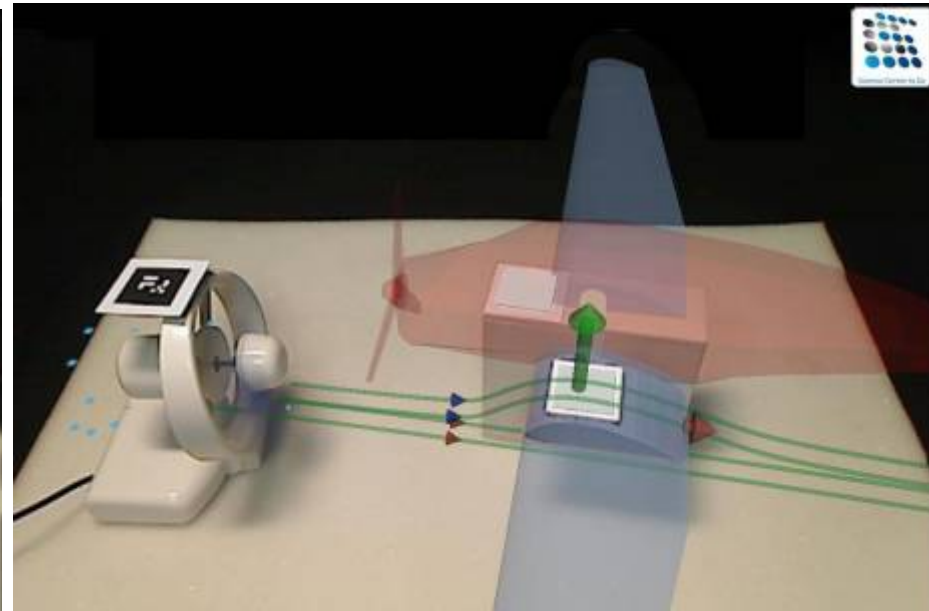


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Kinetic Theory of Gases- *Air Molecules*



Wing Dynamics- *Bernoulli Principle*



In summary, SCeTGo promotes an inquiry-based and experiential learning approach and offers a modern science centre experience outside the walls of the science centre in school classrooms.

Please Visit our stand to experience SCeTGo ! *Thank you!*

www.sctg.eu