



Smart Science Cart

Converts any Classroom into a Science Lab



A mobile self-contained laboratory facility for teaching Science, mapped to your curriculum and delivered in your language



Introduction

SmartLabs Smart Science Cart has been developed by practitioners to facilitate the teaching and learning of science education.

The concept provides self-contained mobile science carts which, collectively, convert any space into a science laboratory. Supplied with a wide range of experimental equipment and supported by a comprehensive range of practical worksheets, teaching science could not be simpler.



To further enhance the teaching and learning of secondary science, a variety of technology based teaching resources are available to use in conjunction with the Smart Science Cart. These resources include computer based interactive software, PowerPoint presentations for classroom delivery and a range of standalone or computer based data logging devices and sensors.

Features

Innovative - The innovative design of the science cart allows the units to be shipped as a flat pack self-assembly system or fully assembled

Modular - A range of fully supported Biology, Physics, Chemistry and Combined Science experiment sets at different academic levels are available

Cost Effective - SmartLabs Smart Science Cart offers great value for money and provides a low cost alternative science laboratory facility

Customised - Equipment and learning resources mapped to your curriculum

Secure - The comprehensive storage areas within the science cart all have lockable doors providing excellent safe storage of equipment

Mobile - Because each science cart can be moved easily from room to room, any teaching space can be converted into a science laboratory

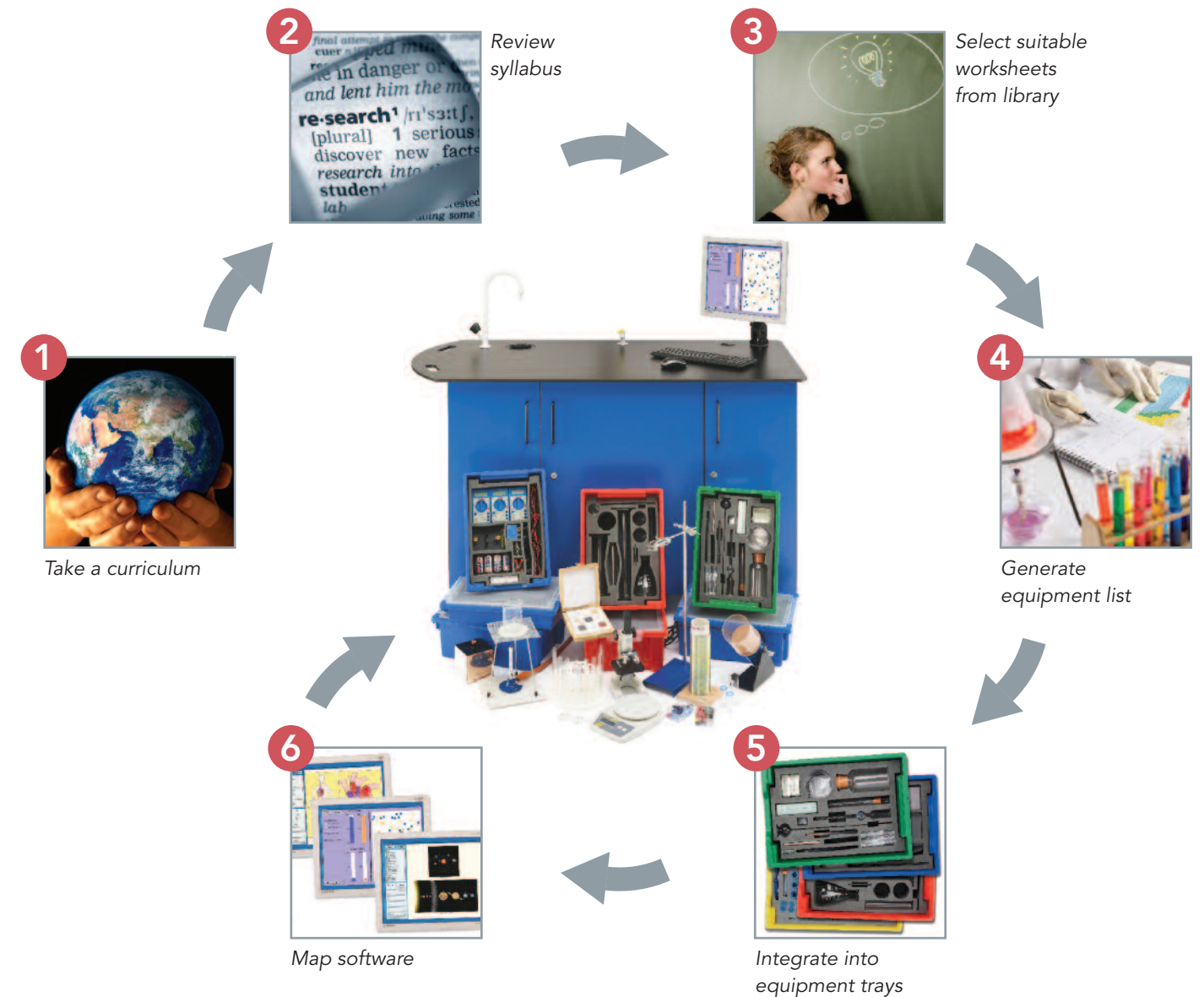
Technology Rich - Can be enhanced through the addition of a wide variety of computer based technologies

Multilingual - Learning resources delivered in a variety of different languages

Curriculum mapping

The equipment and learning materials supplied can be mapped to any national or international curriculum,

offering a bespoke solution for the teaching and learning of science.



Teaching and learning resources...



Simulation and demonstration software for Biology, Chemistry, and Physics and student activity worksheets.



...all provided in your language

Specification

SmartLabs Smart Science Cart provides all of the features you would expect to see in a traditional fixed science laboratory. The science cart worktop is constructed from 12mm laboratory standard Epoxy Resin providing excellent impact, scratch, heat, acid and chemical resistance. Each worktop also has two handles cut into the curved overhanging edge for ease of manoeuvring from room to room.

The science cart is ergonomically designed and

runs on four heavy duty castors, two of which are lockable.

Each science cart is fully equipped with an RCD protected electrical power supply fed from an external mains IEC connection. There is a pressure controlled water supply which feeds into a laboratory standard swan neck tap with integral sink and clean and waste water containers. A single gas outlet is supplied from an internal gas cylinder.



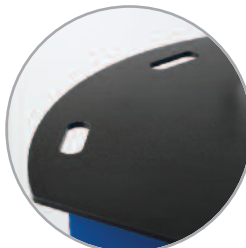
Laboratory-standard single gas tap



Laboratory-standard water tap and sink



Removable colour-coded equipment drawers



Integral grab handles



Water management system



RCD protected electrical supply



Multiple output sockets



Robust water pump



Storage space for gas bottle



First Aid Kit and Fire Extinguisher/Fire Blanket



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