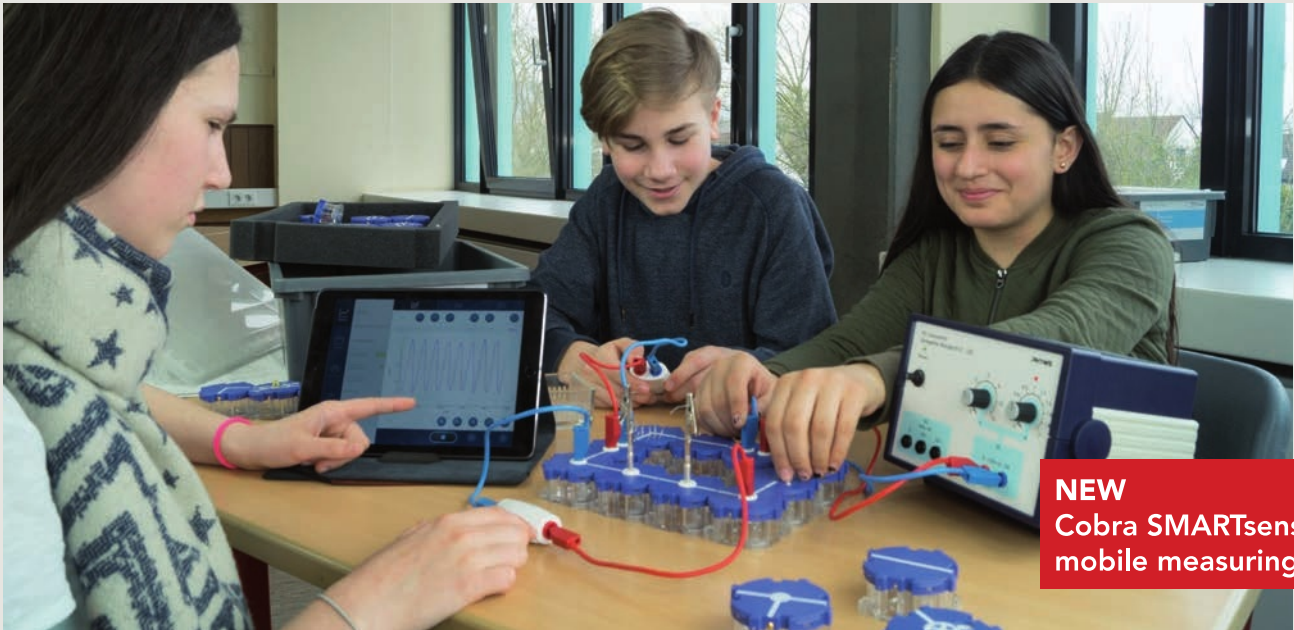
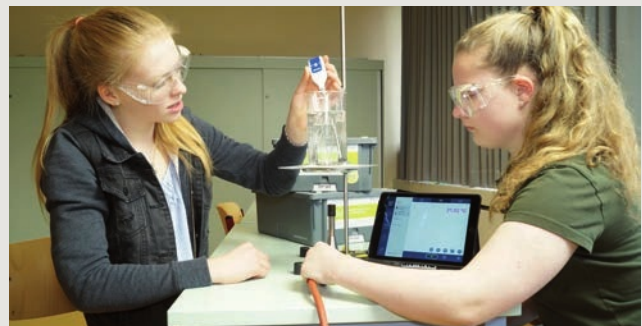


May 2018

PHYWE
excellence in science



NEW
Cobra SMARTsense –
mobile measuring



Digital Education for Natural Sciences in Schools

STEM

STEM

Physics

Phy

Chemistry

Che

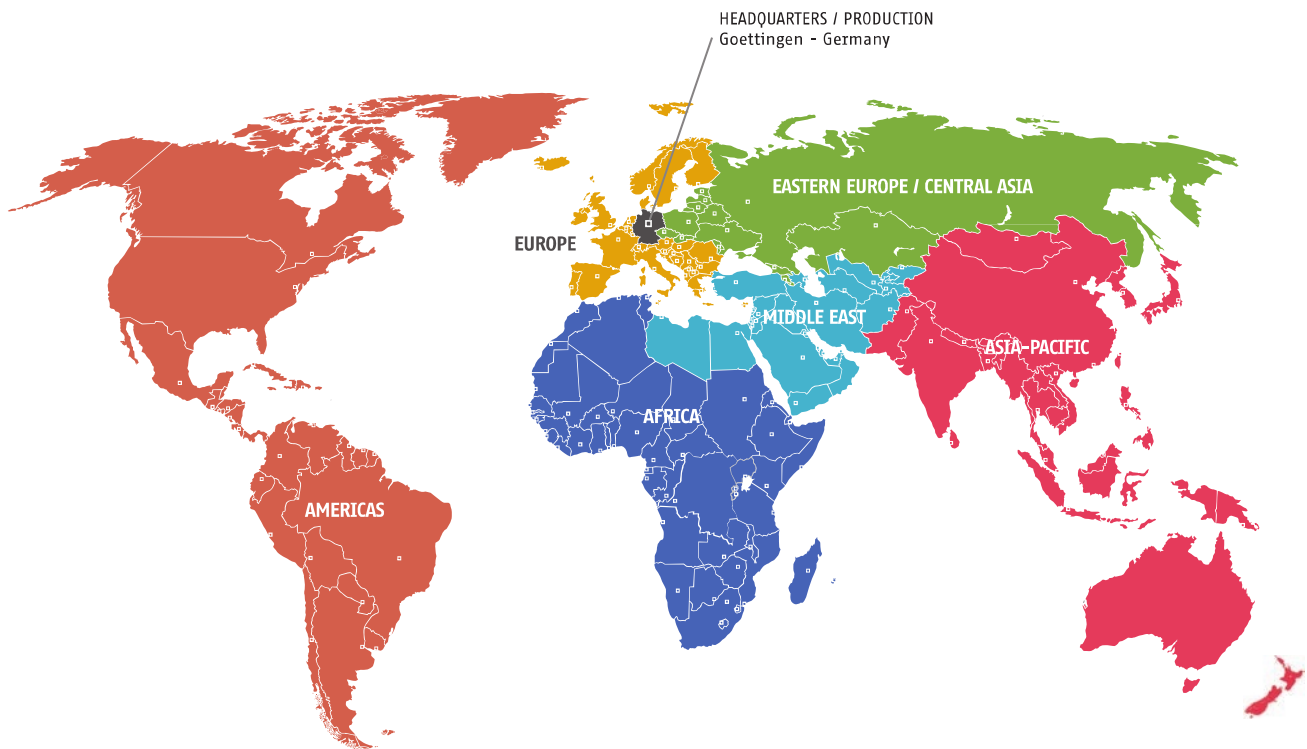
Biology

Bio

PHYWE excellence in science

Global network

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Please do not hesitate to call us. We would be pleased to assign you a personal contact.

Overview

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How to use this catalog

Chapter and subject: 4. TESS - Students Experiments
4.2.6 Physics - Electricity

Product name: Student set Electricity / Electronics 1 with Building Blocks – digital and analog

Product image: [Image of the product kit]

Benefits of this set: The ideal combination of classic experiments (analog) and digital data acquisition (media competence)...

All experiments possible with this set: [List of experiments]

Pictograms for quick overview: [Icons for Cobra SMARTsense, TESS, Demo, Basic]

NEW: Digital set with included Cobra SMARTsense sensors: [Image of sensors]

NEW: Listing of all included Cobra SMARTsense sensors: [List of sensors]

Item number: 11364-000

Analog set without Cobra SMARTsense: [Image of analog set]

Product Pictograms: At a glance!

NEW: Sets and experiments with digital measurement via Cobra SMARTsense	Sets and experiments with digital measurement via Cobra4	Sets and experiments which require a computer
Free for iOS on App Store	Student experiments sets (Training-Experiment-System for Students)	Teacher experiment sets for demonstrations
Sets and experiments which allow easy measuring via measureAPP	Base set, required for supplementary sets	Supplementary set requiring a base set
Free for Android on Google Play		
Nobel price winner experiment		

Introduction

The future is digital, education too!

Digital learning is currently the hot topic in education in schools worldwide. As Product Manager for Digital Education, I am in permanent contact with numerous schools which are now treading the path of digitalization. Many communities and school boards provide their schools with tablet computers. However, they tend to forget to include digital content. With our curriculum-compliant concept and our innovative solutions we have transferred all our PHYWE student and demonstration experiments into the digital world! With our brand new Cobra SMARTsense sensors we bring digital data acquisition to every student workplace: easy, networked, inexpensive!

If you have questions about your digital class, just send me a mail to: digital-education@phywe.de



Alexander Goldmann
Product Manager
Digital Education



Dr. Jan-Gerrit Lonnemann
Product Manager
School

Teaching sciences at school

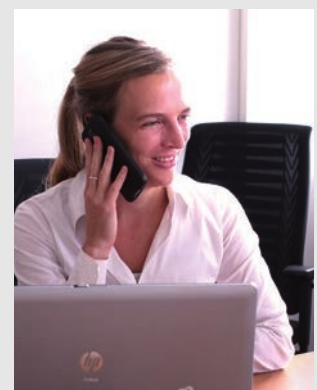
Natural sciences form the basis for many important professional fields as well as degree courses at universities. As Product Manager at PHYWE for schools I experience again and again that the importance of science education is underrated. To counter this trend, PHYWE offers you solutions to prepare and perform perfect experiment-based science classes which inspire students and offer enormous variety. Since all PHYWE solutions harmonize with one another, you can start small and build on that any time later on.

If you have questions concerning school issues, please contact me at: school@phywe.de

Service at PHYWE – premium solutions and instruments require first-class service

Every day my team thinks about how to make your work life easier with our PHYWE solutions. This includes good repair service as a matter of fact. However, we do not stop there. Moreover, we strive to extend our service portfolio with additional unique services. Do you know about our placement and inventory services which allow you to keep an eye on your complete inventory? With the curricuLAB LabManager you never have to search for an item in your inventory any more and you know at a click of the button which experiments you can perform.

If you have questions about service at PHYWE, please contact me anytime at service@phywe.de



Katinka Seever
Product Manager
Service

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