DIGITAL EDUCATION WITH LEYBOLD®

DIGITAL PLANNING

> DIGITAL LIBRARY
- Experiment instructions
  - Theory and goal
  - Setup and execution
  - Sample tasks, evaluation
- Safety Data sheets
- Risk assessments
- Student worksheets

> EXPERIMENTATION APP
- Use of finished experimentation examples
- Instructions
- Settings
- Measurement examples
- Creation of own experiment templates

DIGITAL EXPERIMENTS

> STUDENT EXPERIMENTS
- Option: Mobile--CASSY 2 WiFi and/or CASSY app
- Ideal for student groups
- Loading the prepared settings at any time
- Digital instructions for setup and execution
- Quick measurement recording
- Chart with individual measured values or diagram
- Use of existing WiFi or setup of CASSY WiFi
- Measured values can be loaded and stored by all systems

> DEMONSTRATION EXPERIMENTS
- Use of app via WiFi adapter
- Integration of whiteboard via tablet or PC
- Quick loading of prepared settings
- Interactive exchange of measured values with students

DIGITAL FOLLOW-UP

> STUDENTS
- Evaluation and interpretation of the measured values directly on the tablet
- Follow-up at home with further analysis
- Filling out the student worksheet on the PC
- Complementing with digital material (videos, whiteboard, notes) via common presentation programs
- Option: on the tablet (via app and logging programs) or on the computer (with measuring software CASSY Lab 2)

> TEACHERS
- Central access to complete student evaluation on server or via e-mail
- Loading of measurement results in app or measuring software CASSY Lab 2
- Comparison of evaluation with teacher worksheet

LOAD, STORE AND SHARE

- Measurement settings & configuration
- Digital experiment instructions
- Students worksheets
- Measured values
- Graphics
- Supplementary material