

OUR SCHOOL

500 students in age 13-20
120 participants in age 16-19
Duration of laboratory course: 90 min.



REALIZED EXERCISES

- The Life of the Yeast (influencing life conditions)
- Plants in bedroom (photosynthesis)
- Wake up, wake up it's time to get up (germination)
- Plant's predators (eutrophication)
- What makes your heart beat (ECG)



practicing skills

self working abilities

student's motivation

OUR EXPECTATIONS

search for solutions

troubleshooting

using laboratory equipment

improving competences

REQUISITES

- PASCO System, PC
- maple and fern leaves
- food yeast
- poppy, bean, peas, soya seeds
- polluted water

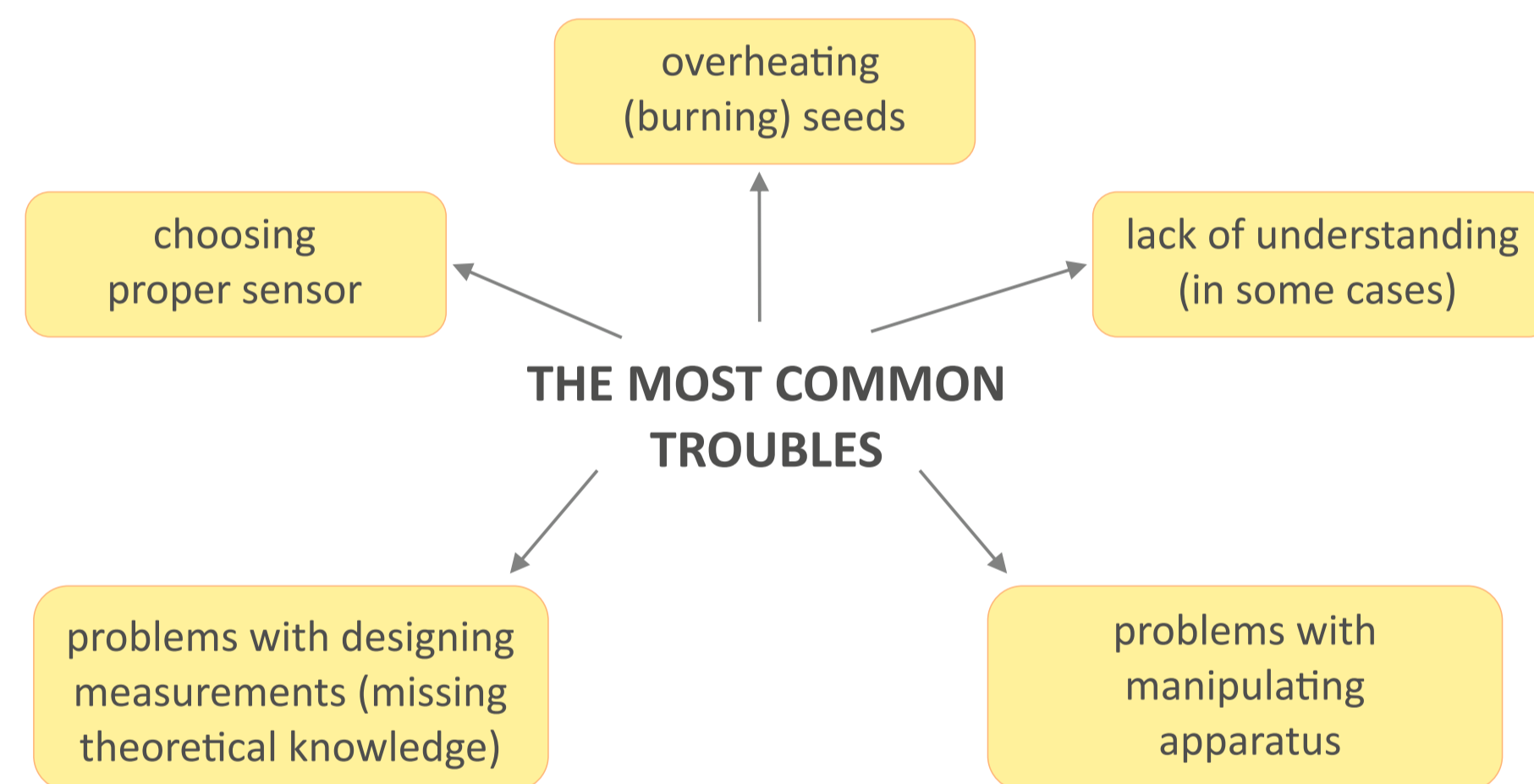
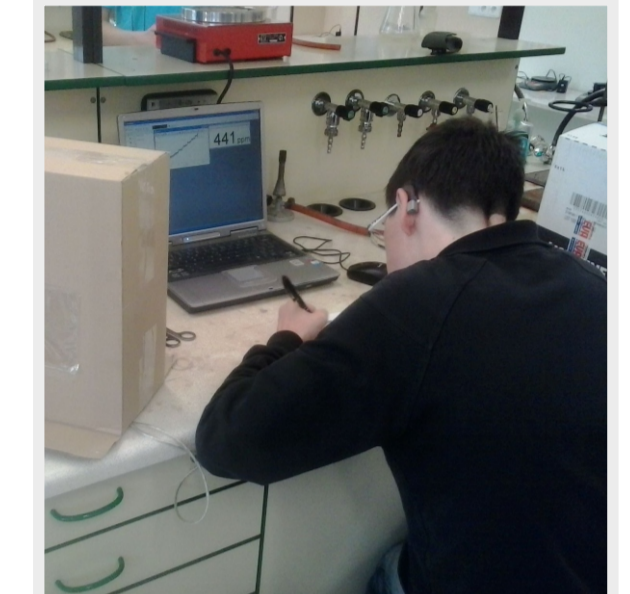
Worksheet - example (germination)

RECOMMENDATIONS FOR TEACHERS

- enough time for experiment (min. 90 minutes)
- serious preparation (system PASCO sensors, computers)
- carefully explain task
- motivate students to be patient

STUDENT'S FEEDBACK

- 90% enjoyed the lesson
- new challenge and experience
- practising theoretical knowledge
- using modern technologies
- new ideas



BENEFITS OF COMBLAB

- practical skills development
- empirical discovery
- finding relevant result
- application of theoretical knowledges
- motivation

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