

Low-Cost Experiments in STEM Education

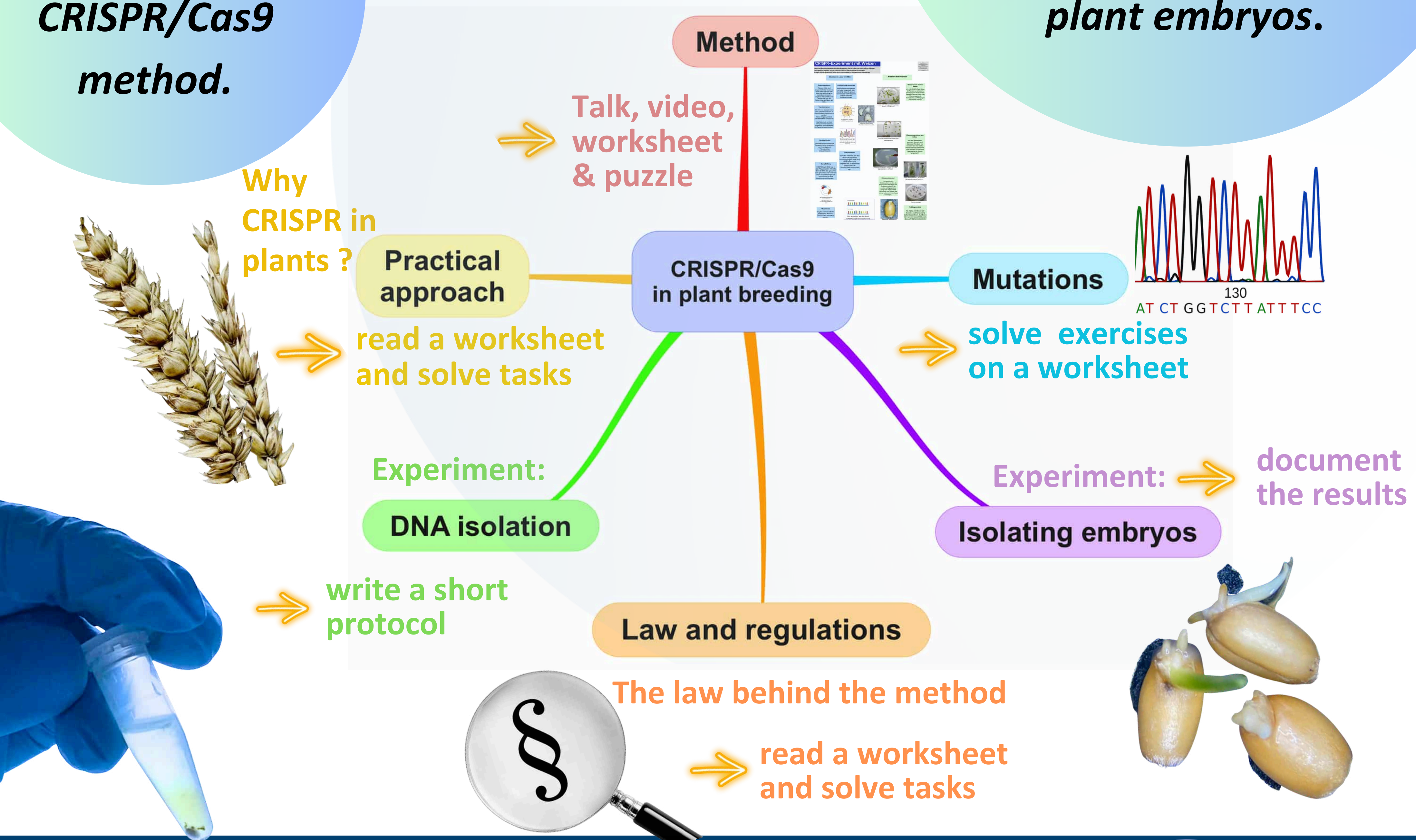
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Genome edited plants with CRISPR/Cas9

It starts with explaining the CRISPR/Cas9 method.

6 stations to explore a method

The stations focus on the following aspects: application, regulations, mutagenesis and isolation of DNA and plant embryos.



45-90 min

90 min

1 method

+ 5 stations

estimated time needed:
135 to 180 min

This project

- combines practice and theory
- covers all technical aspects of CRISPR/Cas9
- combines digital und analogous media and practice
- contains collaborative parts
- it's fun



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Link to the material



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