



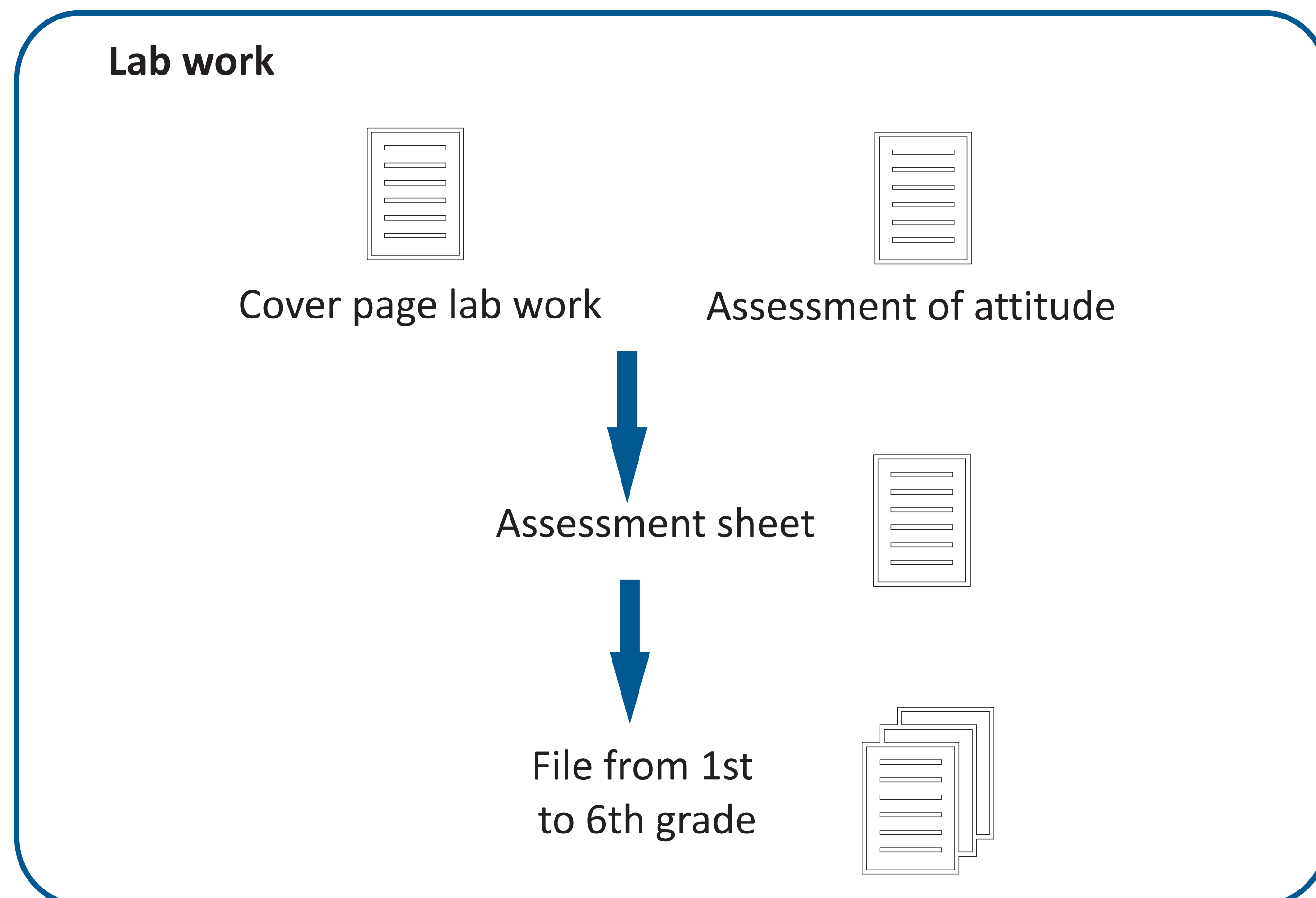
Learning path of implementing inquiry based teaching and its assessment in a science teacher team

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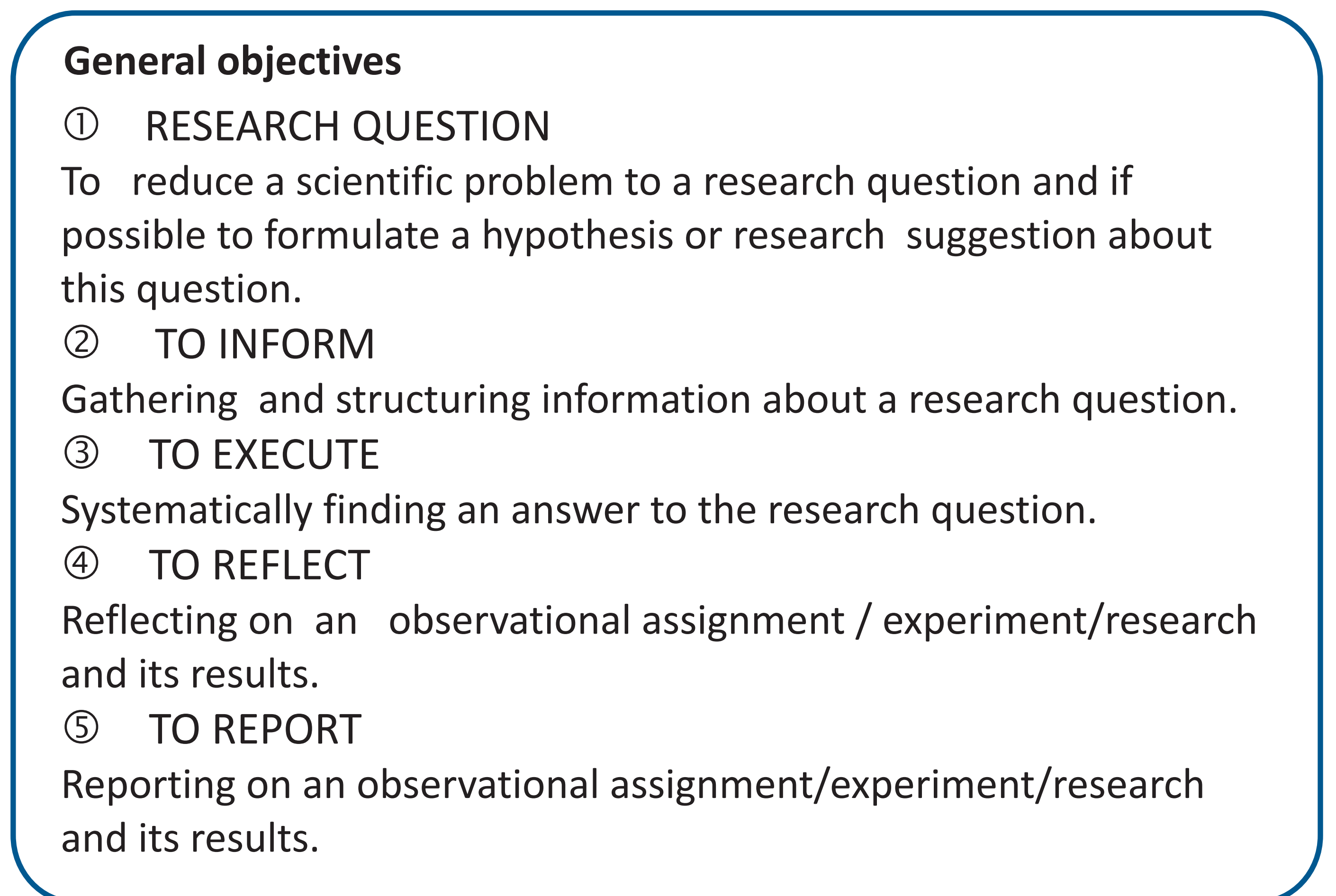
How to assess attitudes and skills in the science lessons?

Attitudes



Current situation: system is applied

Skills



Current situation: started 2012-2013, piloting

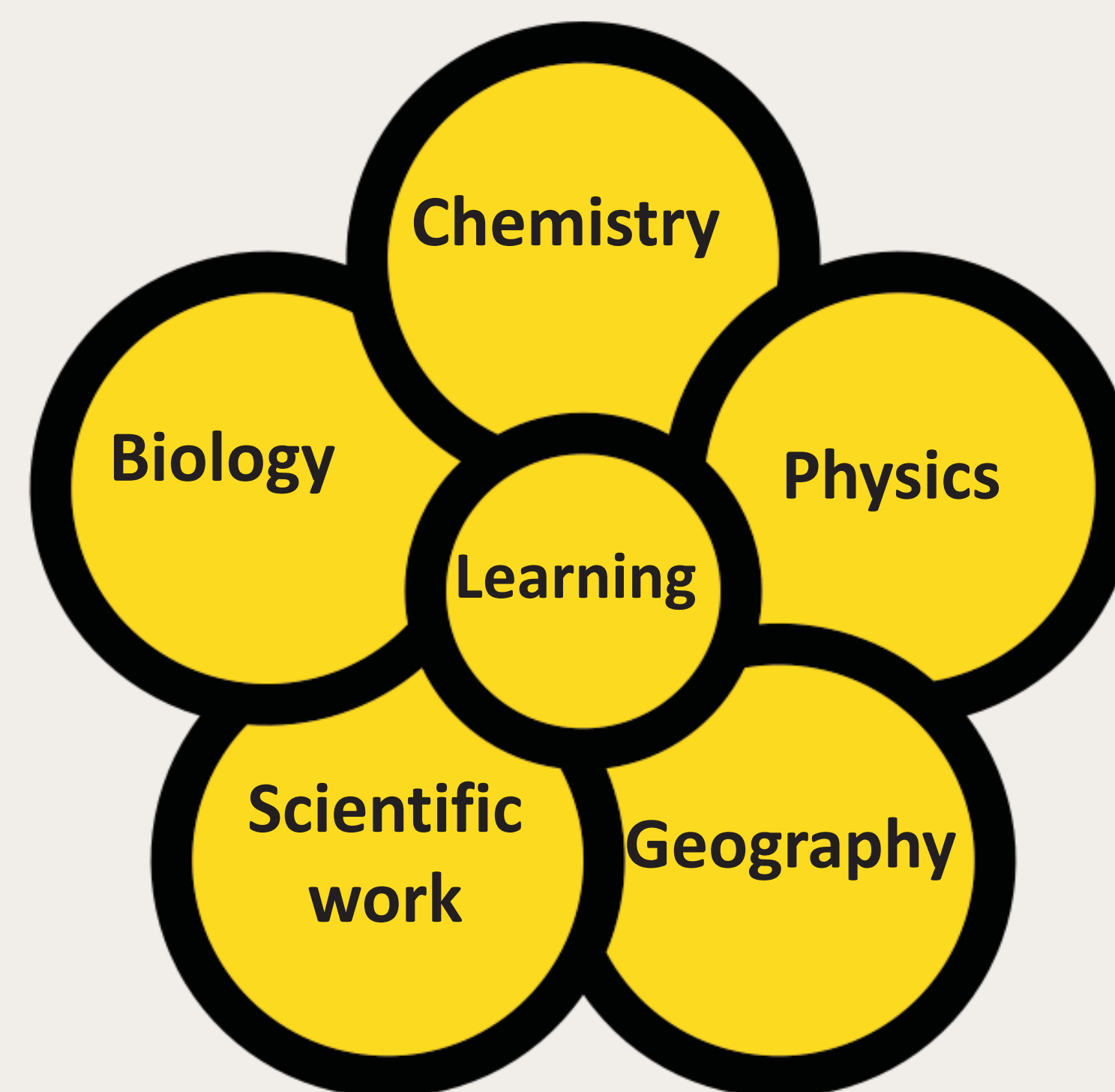
Findings

Conclusion of teacher team

Tool is useful:

- to map the scientific reasoning progress of pupils
- to guide the pupil in finding the branch of study that suits his/her interests and abilities
- to have the pupils acquire practical abilities and capacities from novice to expert level

Teamwork



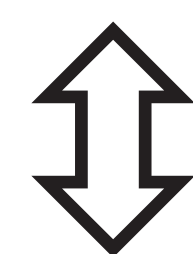
Conclusion of pupils

Pupils are able:

- to adjust themselves by means of frequent feedback
- to understand the importance of peer- and self assessment
- to visualize their own progress

Discussion

Inquiry based teaching stresses the importance of learning trajectories (from 1st to 6th grade)



The current system focuses on the assigning of scores

disadvantages: time-consuming , class size,

Conclusions

- Implementation of Inquiry Based Teaching in science offers many advantages in the assessment of attitudes and skills.
- This system requires team spirit and determination.
- The method has been recently developed and can further be optimized by means of feedback and input of a team of teachers and counsellors.
- Assessment of Inquired Based Teaching is a necessity for the future.



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