



Professional Development | An tSeirbhís um Fhorbairt
Service for Teachers | Ghairmiúí do Mhúinteoirí



An Roinn Oideachais
Department of Education

Agricultural Science National Workshop 6

LEAVING CERTIFICATE AGRICULTURAL SCIENCE



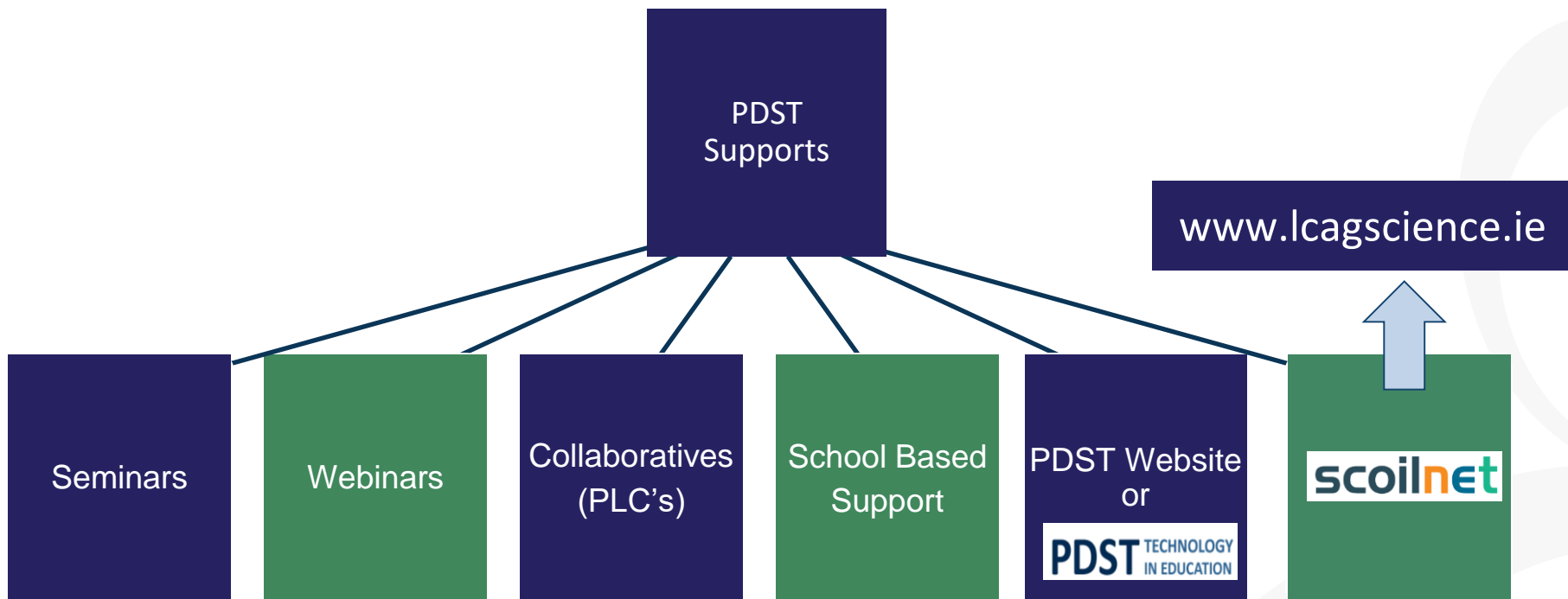
Chris Davies

Ronan Dowling

Gareth Belton

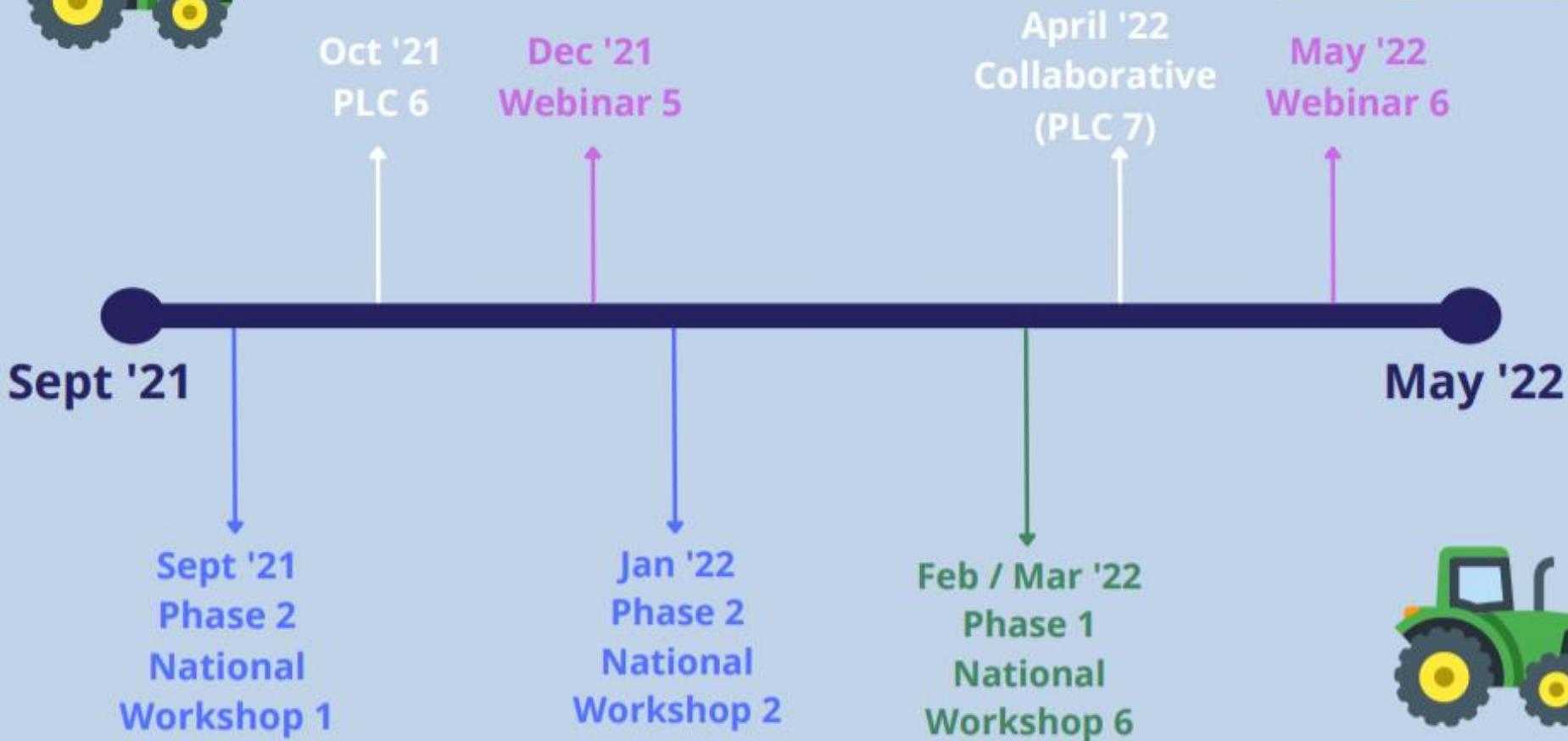
Email agscience@pdst.ie

PDST Supports





CPD Timeline 2021/22



Purpose for Today



To reinforce the aims and objectives of the agricultural science specification and provide teachers with the opportunity to reconnect with each other



To experience active learning methodologies suitable for the agricultural science classroom



To afford opportunities to infuse scientific practices and SPAs throughout engagement with the specification

Timetable

Session 1
9:30 - 11:00

- Looking at the evidence
- Promoting key skills and student centred learning
- Starting our action plan

Tea/Coffee Break
11:00 - 11:20

Session 2
11:20 - 1:00

- Active learning methodologies
- Developing our action plan

Lunch
1:00 - 2:00

Session 3
2:00 - 3:30

- Genetics
- Finalising our action plan

Key Messages



Leaving Certificate Agricultural Science supports the use of a wide range of teaching and learning approaches which emphasises the use of scientific practice and concepts that arise from the basic investigative nature of the subject.

Through engagement with Leaving Certificate Agricultural Science students will acquire knowledge, skills, attitudes and values that allow them to take informed decisions on scientific issues, including those with moral and ethical dimensions.

Teachers view collaboration as a means to improve student learning and to enhance their own professional development.

Session 1

By the end of this session participants will have:

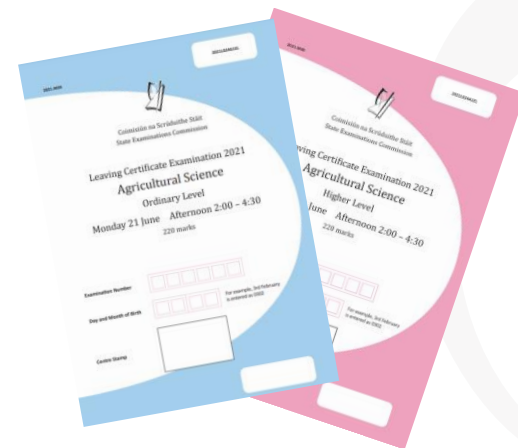
- Examined the relevant supporting documents
- Reflected on a teacher's approach to student centered learning
- Engaged with an active teaching methodology to explore the development of key skills
- Started to devise a personal action plan



Working with the Evidence



Pg 5, 6



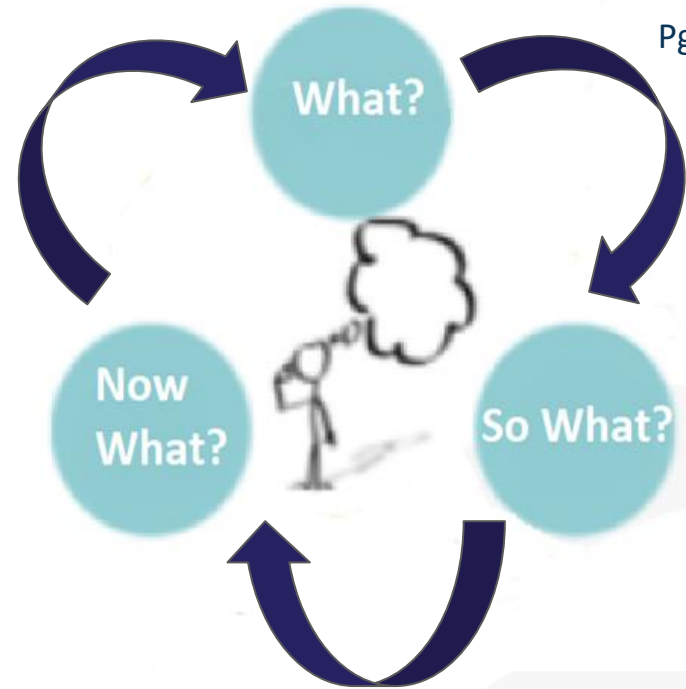


Reflecting on the Evidence

What is this telling us?

So what impact will this have on you and your students in the Agricultural Science classroom?

Now what? ...



Sharing Experience of Active Learning in the Agricultural Science Classroom

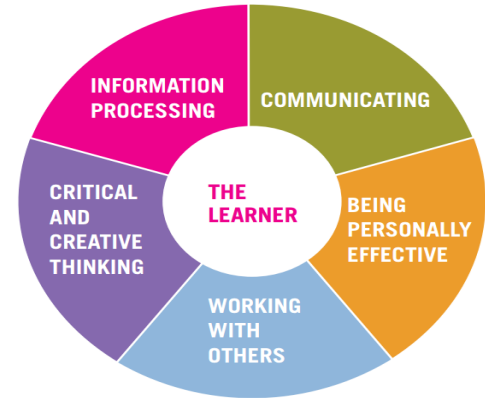


Many thanks to the teachers and students of Ardscoil Rath Iomgháin in County Kildare

Developing Key Skills in the Agricultural Science Classroom

Using debates to develop:

- Critical and creative thinking
- Information processing skills
- Communication skills
- Teamwork skills and collaboration



Strongly Disagree

Disagree

Neutral/Undecided

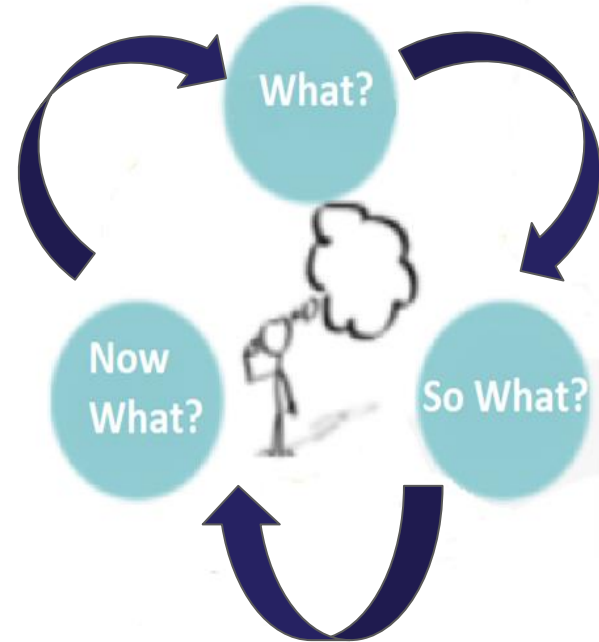
Agree

Strongly Agree

Developing our Action Plan



How are you going to use what you have learned from your experiences so far?



Session 1: Plenary

Participants will have:

- Examined the relevant supporting documents
- Reflected on a teacher's approach to student centered learning
- Engaged with an active teaching methodology to explore the development of key skills
- Started to devise a personal action plan



Tea/Coffee Break

Enjoy!

