



University of
Strathclyde
Glasgow

Practical work in physics

SUPER

Project so far

5 Scottish Universities

Consideration of three areas

- Transition to HE
- Laboratory skills
- Resilience

Analysis underway

- Expectations and purpose of labs
- Methods of assessment
- Role of staff
- Preparedness

Interest nationally

Next steps – to be shaped by group



CREATE
GROUP



INDUSTRIAL
DATA



STUDENT DATA



UNDERSTAND
SCHOOLS



MOVE FROM
PERCEPTION
TO EVIDENCE

Stage 1a - industry



Create questionnaire and validate it



For industry



Could be focus groups/meeting

Stage 1b - students

Create test and validate it

Where possible, use validated info

Information required (not in this order):

- Demographic
- Historical education
- Motivation
- Aspiration
- Problem solving skill
- Practical skill
- Willingness to do focus group
- Consider some sort of pseudo anonymous marker to allow comparison

Use to develop courses, interventions etc