What they don’t know they don’t know

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School Teacher

• Secondary Physics Teacher with 7 years experience
• Pastoral Leader, gave UCAS advice
• Head of Additional Support
• Head of Monitoring, Reporting and Assessment
Ogden School Teacher Fellow

• Physics Department’s Outreach
• Widen Participation
• Support Local Teachers
• Ease transition from school to university

What don’t they know?

• How to learn independently
• How to interact with lecturers
• How to take notes
• How to do a laboratory experiment
How to learn independently

• They’ve heard it before
• Everything on the exam will be taught to me

How to interact with lecturers

• Teachers will bend over backwards
• Threats can often be empty
How to take notes

• They’ll write down what you write
• They may not review notes

How to do a laboratory experiment

• Hypothesis
• Recipe style
• It tends to get weaker as it progresses
• Conclusions are often missing
• Whole different way of writing up
What can we do?

• Be aware of where they have come from and the huge differences
• They don’t know that they don’t know
• Explain where and how things are different
• Gradual steps, not dumbing down
• Let others know