CETL-MSOR 2015: Sustaining Excellence
Pump up the $V=\pi r^2 h$?

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Who are we?

- West Nottinghamshire College
- Mansfield, Nottinghamshire
- Approximately 500 HE students
Pre-HE curriculum changes

• Study programmes at Level 3 – will we see a ‘law of unintended consequences’?
• Possible negative impact on students
• Impact of ‘core maths’ on students?
• How many will enter 2016 without GCSE Maths?
Barriers

• Maths anxiety
• Lack of confidence
• Previous experience
• Studied Maths a long time ago
• Do not see the relevance
Maths audit

• Engineering – High level Maths
• Business Management – Finance
• Hair and Beauty Management – Finance
• Performing Arts - Finance
• Travel and Tourism - Finance
• Sport – Statistics and biomechanics
• Computing – Routing concepts
• All HE courses include a project
  – Opportunity for statistical analysis
The volume so far...

- Prospectus/Website
- Applicant Event
- Summer School
• Maths Hubs
• Moodle Resources
• Workshop Sessions:
  – Build your confidence in Maths
  – Numeracy tests (QTS)
  – Data analysis for projects
• Staff Development Sessions
• Senior Exec Meetings
Increasing the volume - 2015

- Creating bespoke workshop sessions
- Finance workshops
- Targeted approach to 1-2-1 support
- Increased number of staff
Thomas International

- General Intelligence Assessment
- Looks at how people process information
  1. Reasoning
  2. Perceptual Speed
  3. Number, Speed & Accuracy
  4. Word meaning
  5. Spatial Visualisation
Take the Sigma Challenge and Break the Code

It starts at http://tinyurl.com/sigmacompetition
Follow a series of clues and mathematical calculations to take you on a journey through college. Will you claim the prize?

VISION UNIVERSITY CENTRE
Conclusions

• Moodle resources
• Workshop sessions
• Sustainability