

### **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?

# **Core**:maths support programme



### Barriers



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





Maths study skills support now available



## 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...



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- Prospectus/Website
- Applicant Event
- Summer School





### University centre

### Study support

throughout the year).

At Vision West Nottinghamshire College we provide you with teaching, learning and support that will improve both your skills and confidence.

Why choose us? Courses

Finance and funding

### Application and enrolment Support and guidance

Employability skills Meet the team

HE open evenings and events

### See also...

Additional learning support Locations Students' Union will improve both your skills and confidence. As one of our HE students, you will have access to a dedicated HE study skills coach, one-to-one support and generic study skills workshops that cover themes including time management, reflective writing, reading for purpose, data analysis and essay planning and writing (held

### Maths and statistics with Sigma



Need help or a refresher in maths? Vision West Nottinghamshire College is one of only two colleges nationally to receive funding from the Sigma network for excellence in mathematics and statistics support.

From one-to-one sessions and support for data analysis and research evaluation, to bespoke support for engineering maths, we are able to offer a wide range of resources to support your maths development within your course, at no cost to you.





- Maths Hubs
- Moodle Resources









VISION West Nottinghamshire

College

- Workshop Sessions:
  - Build your confidence in Maths
  - Numeracy tests (QTS)
  - Data analysis for projects
- Staff Development Sessions
- Senior Exec Meetings





### A quiet area to develop and improve your Maths skills

You will need to use Maths during your HE studies across a range of projects and subjects:

- Data collection and analysis of statistics for business, sports, criminal justice and education studies
  - Modules in performing arts and finance for costing, accounts and managing budgets
- Using calculus and algebra in engineering
- Analysis of budgets, percentage profits and estimations for business Looking at matrices, vectors, algebra and statistics for computing Employers may set numerical reasoning tests as part of the interview process

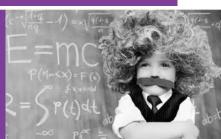
### Maths study areas are here to help you:

- ith the maths elements of your course
- Help with analysing statistical data for your projects
- with numeracy reasoning tests for job applications

had a break from Maths and need support, help and guidance, visit the Vision University Centre room 922, Derby Road and room 105 at the Engineering Innovations Centre, Oddicroft Lane.

Alternatively, book an appointment for one-to-one support Email V – HE and intern tional study skills coach van mc.ac.uk or call 01623 627191 ext 8390







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





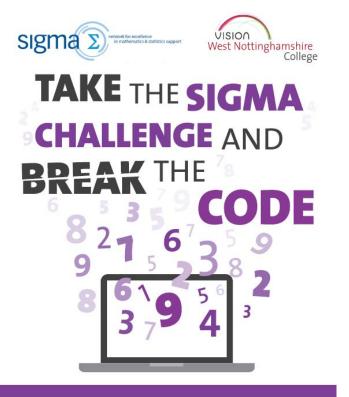


- General Intelligence Assessment
- Looks at how people process information
  - 1. Reasoning
  - 2. Perceptual Speed
  - 3. Number, Speed & Accuracy
  - 4. Word meaning
  - 5. Spatial Visualisation









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**

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### Conclusions



- Moodle resources
- Workshop sessions
- Sustainability

