



Increasing Attractiveness - STEM Careers

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National HE STEM Programme

Midlands and East Anglia

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Thought.....

Many young people rule themselves out of STEM subjects, and so STEM careers, at an early age. This disconnection remains an obstacle on a number of levels:

- Young people need the interest
- They need to feel capable
- They need to have an identity that aligns with STEM

Anthony Barnes, Babcock
March 2011



Fundamental principles

- ❑ Not 'duplicate work undertaken by others'
- ❑ Activity within schools & colleges must be HE specific and bring real added value
- ❑ Focus not on direct delivery or funding existing activity- support change and enhancement of HE (including HE in FE) Sector activities
- ❑ Foster collaboration, innovation, sustainability and sharing best practice



STEM Clubs

Establish regional clubs clusters –

- ❑ 5 Universities
- ❑ 25 Ambassadors
- ❑ 40 Secondary Schools
- ❑ Potential 500+ pupils
- ❑ CREST Awards

Working with UK Science & Discovery Centres



- ❑ Work collaboratively with large science venues
- ❑ Develop innovative, inspirational resources
- ❑ ‘One stop shop’ glimpse into the future
- ❑ Target audiences – learners, parents, educators, advisors
- ❑ Extend experience beyond the venue visit
- ❑ Sustainable programmes of activity

Joining the dots

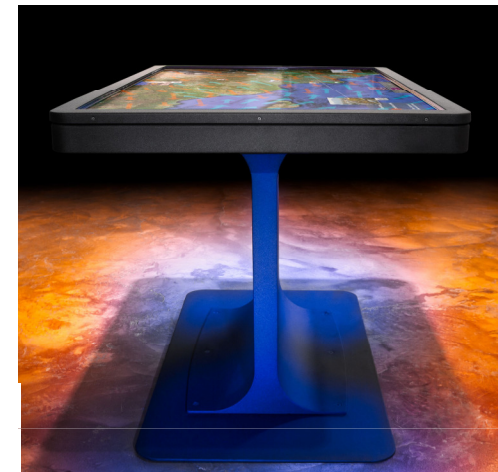


STEM subjects - School – HE - Work



The Technology

- ❑ Unique to UK Science & Discovery Centres
- ❑ A multi user – multi touch experience
- ❑ Share information with others across the table
- ❑ Package for reference later





Contacts

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