



External references

[www.et-](http://www.et-)

# **Construction & the Built Environment**

# About this guide

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*This guide is one of a series aimed at practitioners from a wide range of providers, including FE colleges, independent learning providers and those working in the Secure Estate, who support post-16 vocational learners to develop their maths skills up to and including level 2.*

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# Why should I be concerned

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Why use a vocational lesson to develop  
maths skills?

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# Some teaching ideas

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Picturing the maths in your vocational area

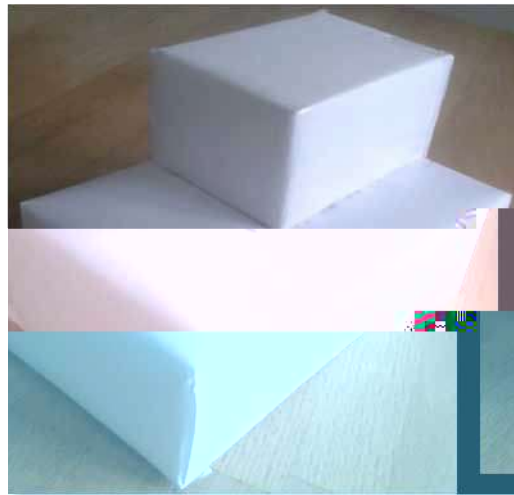
Tasks/Jobs



Maths which underpins one







## Other learning activities related to your vocational area

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# What challenges am I likely to face?

Engaging learners

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*"I feel as though I am good at maths and would like to pass on any help that I can. The guys know who I am and come and see me on the wing."*

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## Working in the Secure Estate

*“At HMP Wakefield, teachers provide contextualised learning within prison industries on a one-to-one basis to help learners who are in the separation unit and/or those who struggle with functional skills or have additional learning needs.”*





# Meeting the challenges

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Working together with maths practitioners



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Teaching and learning strategies: embedding and contextualising



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# Teaching and learning strategies: developing deep understanding of key mathematical ideas



Track learners' mathematical progress alongside their vocational targets

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How can I develop my own maths knowledge and skills?

# References

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External references



