



Rosetta on the Road: an outreach project funded by a Small Award

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Rosetta on the Road

- Uses the groundbreaking ESA Rosetta mission – comet rendezvous and landing – as a basis for engaging and inspiring an audience
- Target audience: KS3 (+ KS2, KS4, teachers, public)
- Consists of scale models of the spacecraft, instruments, plus a PowerPoint presentation and demonstrations
- Presentations are by people involved in the mission
- Also works as a standalone (unstaffed) exhibit
- Funded by £15k Small Award + in-kind support (OU, RAL)



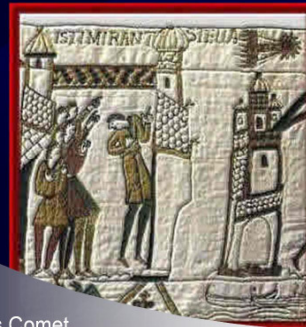
ROSETTA

What is Rosetta?



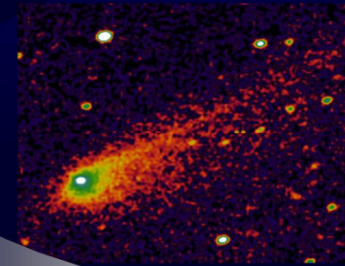
A mission to land on a comet

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Halley's Comet

ROSETTA



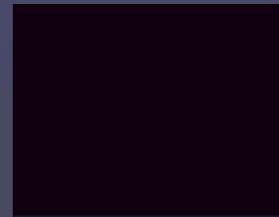
The target comet photographed from Earth

ROSETTA

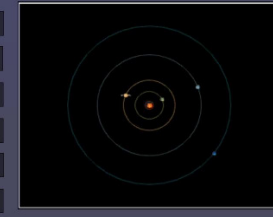


Tunguska comet impact, 1908

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How does one of these fragments become a comet?

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For gravity – size matters!

ROSETTA

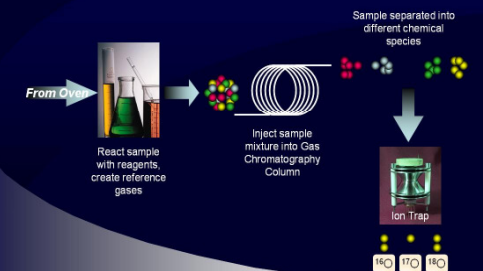
Ptolemy



A miniature chemistry lab

Did Earth's water come from comets?

ROSETTA



How Ptolemy works ...



Rosetta Roadshow – Lessons Learned

- The props facilitate the message & grab attention – the speakers & presenters can then deliver the message
- The props are now available as a resource for repeats
- Small Award = a relatively painless way to get funding
- The recurring cost is in the speakers and logistics – looking into ways to enhance a non-staffed exhibit
- Need to give teachers, exhibitions, etc, what they want
- Need to look into printed material handouts etc. – but where to draw the line?
- It has been hard work – but fun!