Temperature Probes and Linear Graphs

Nevil Hopley

From What to How

Temperature Probes and Linear Graphs

Nevil Hopley

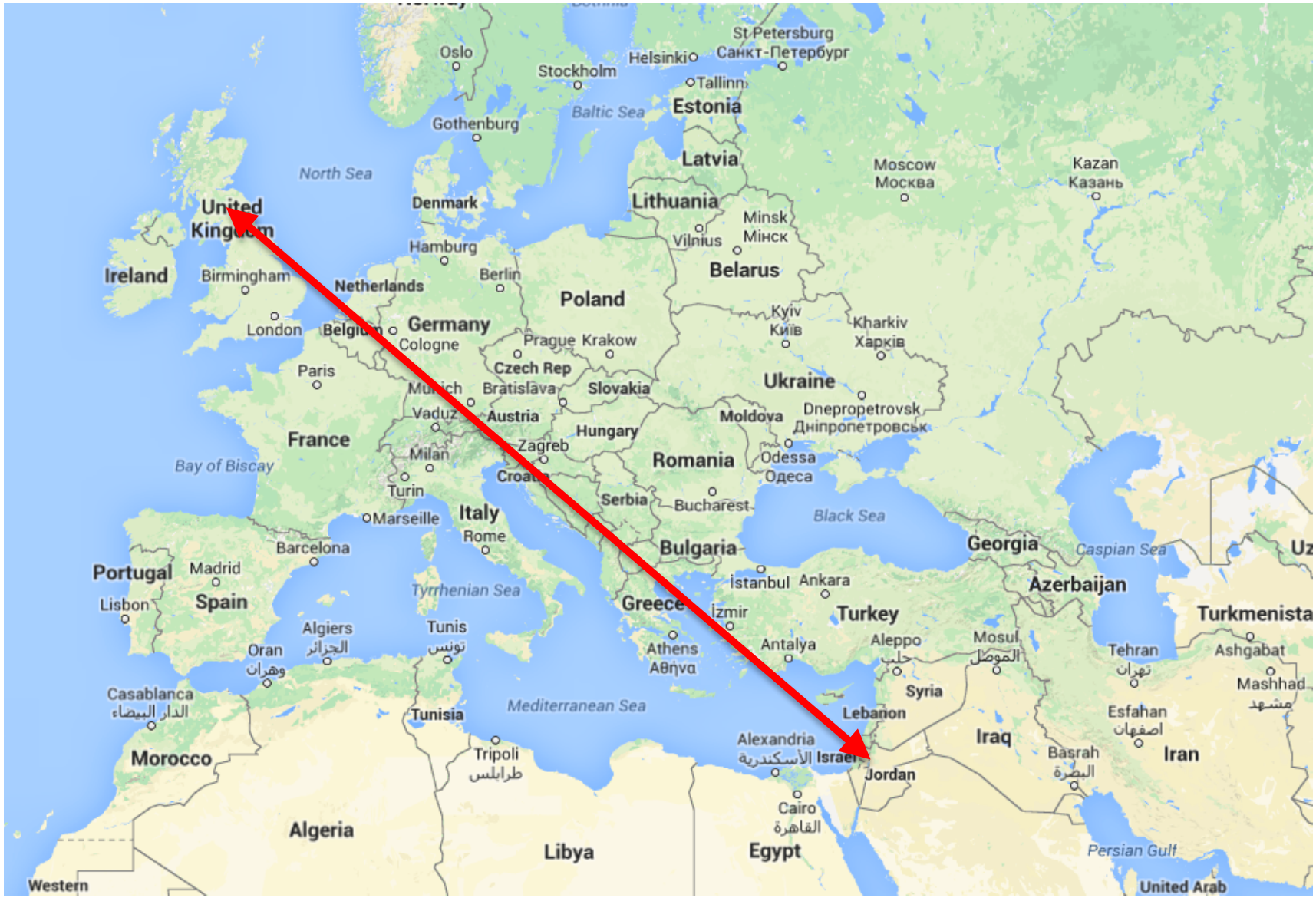
T^3 National Trainer, Scotland & UK.

Mathematics Teacher

Head of Mathematics Department

www.CalculatorSoftware.co.uk/nspire

Journey: 2496 miles (4015km)



This workshop will have a....

A Beginning

The temperature probe and how it works

A Middle

Experimenting with the probe and designing a lesson

An End

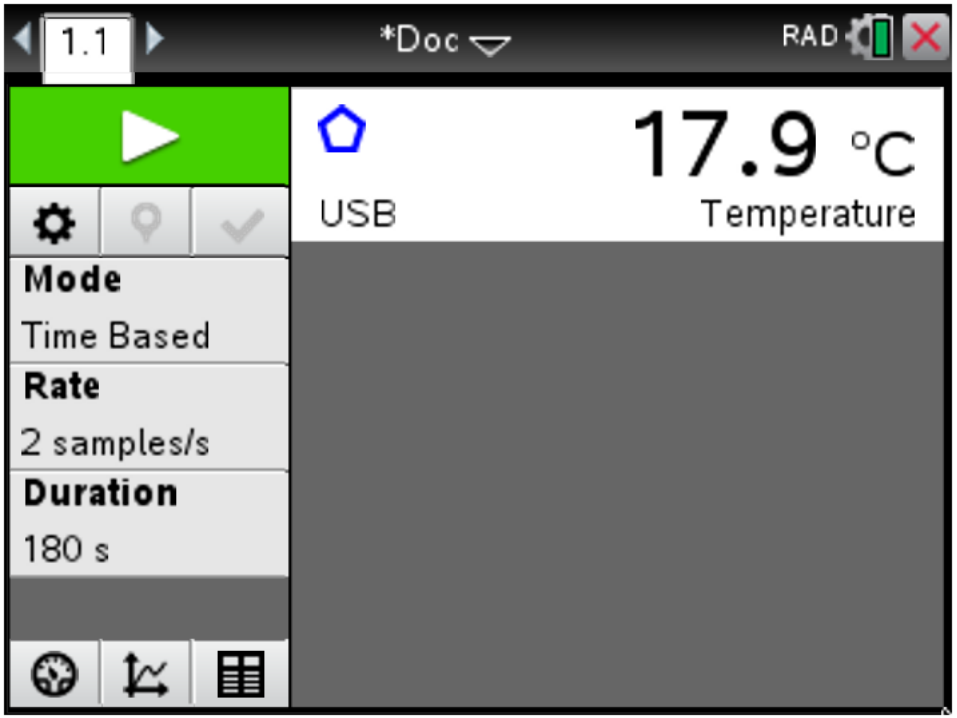
Sourcing more STEM resources online

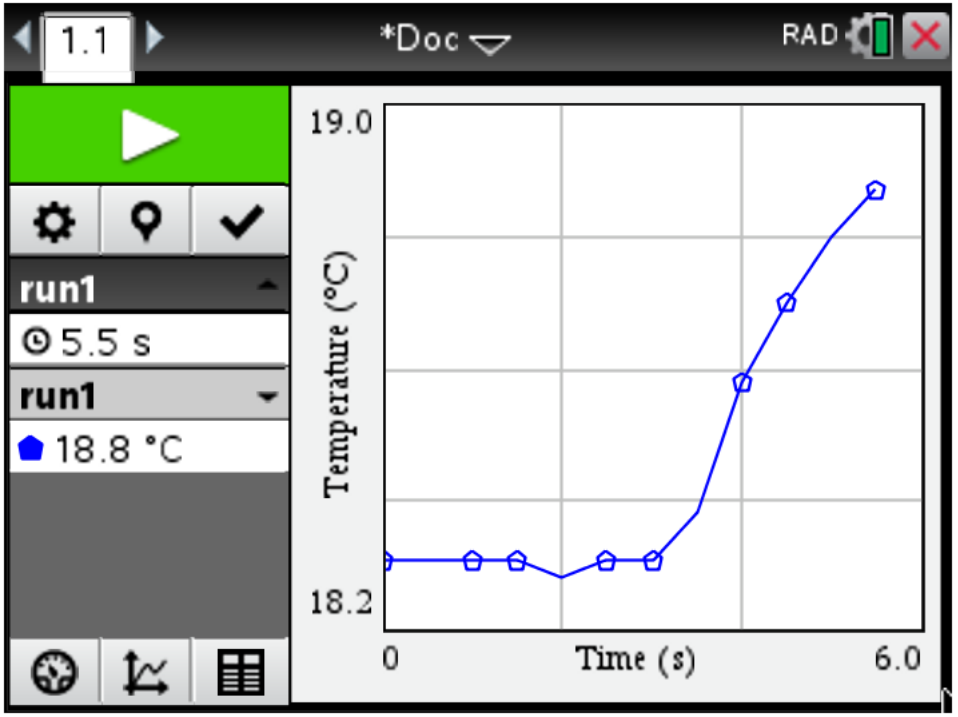
And you can download all that you see today from

www.calculatorsoftware.co.uk/nspire

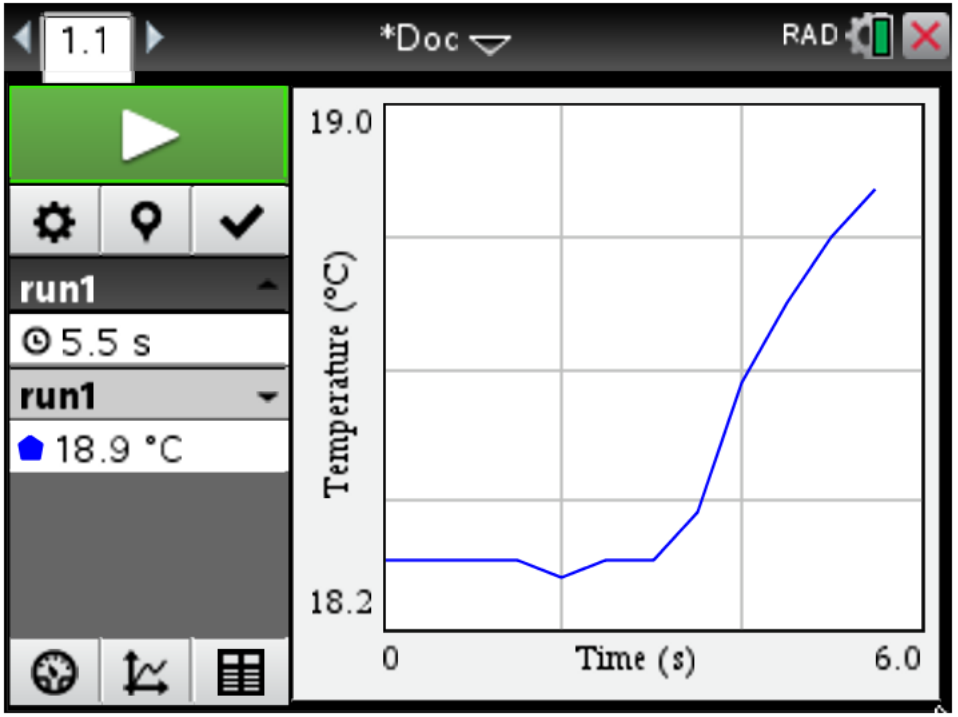
Why do you want to run an experiment in a Maths classroom?

Talk to your neighbour about why you think this is a something worth doing.

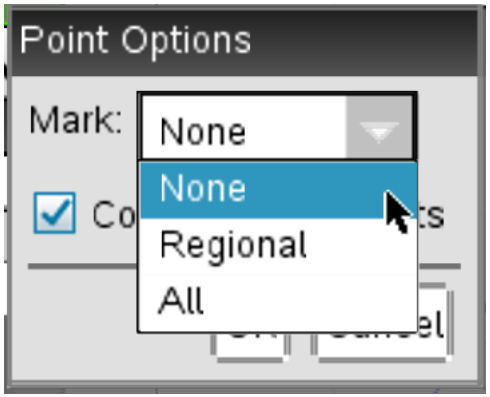

1.1
*Doc
RAD
17.9 °C
USB
Temperature
Mode
Time Based
Rate
2 samples/s
Duration
180 s



Before



After



Options worth Changing: Press menu then...

Experiment > Collection Setup

...to alter duration and frequency

Experiment > Collection Mode > Events with Entry

...to manually influence when measurements happen

Experiment > Set Up Sensors

...to alter units and display accuracy

Analyze > Model

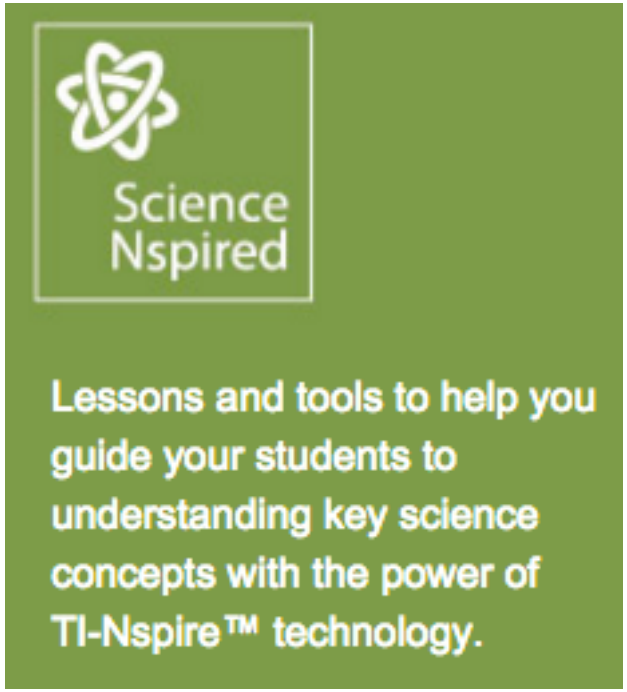
...to fit a function to the data

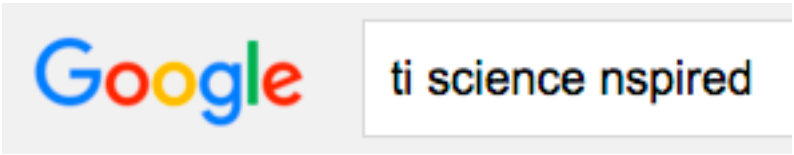
Options > Autoscale Settings

...to control how graph axes autoscale, or not

Sourcing STEM & Temperature Activities

- Welcome to Science Nspired
- About Science Nspired
- Life Science
- Earth Science
- Physical Science
- Biology
- Chemistry
- Physics
- Forensics
- STEM
- Standards Search
- Textbook Search





Want Copies of Everything?
www.CalculatorSoftware.co.uk/nspire

Thank you for coming to my talk.

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