

We prefer the graphical method rather than choosing two points on the water stream. The above theory relies on the water flowing in a non-turbulent laminar manner. If the flow becomes turbulent for larger values of s , this manifests itself as the graph becoming non-linear. <<

References

[1] <https://www.sserc.org.uk/publications/bulletins/272-spring-2021/>

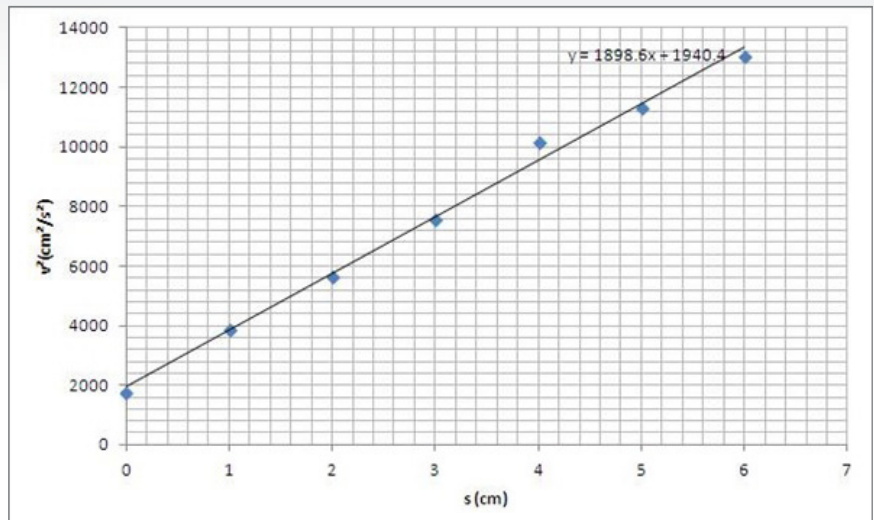


Figure 2 – graph of v^2 versus s .

SSERC professional learning courses

We offer professional learning events for teachers in both the primary and secondary sectors and for school technicians. Many of our events receive funding from the ENTHUSE Bursary scheme or the Scottish Government. For many courses, bursaries will help towards covering course costs and allow us to provide delegates with resources to support learning and teaching back in their schools. Face-to-face courses will take place with appropriate COVID processes and procedures in place, including social distancing.

Courses available for online booking include:

COURSE NAME	RESIDENTIAL?	DATES	CLOSING DATE	SECTOR
Welding Skills*	Face-to-face	20-21 May 2021	2 April 2021	Secondary Technology
Maintenance of Fixed Workshop Machinery	Face-to-face	25-27 May 2021	9 April 2021	Secondary Technicians
Intermediate Physics	Face-to-face	2-3 June 2021	7 May 2021	Secondary Technicians
Chemistry Summer School*	Face-to-face	9-11 June 2021	7 May 2021	Secondary Chemistry
Introductory Chemistry	Face-to-face	16-17 June 2021	14 May 2021	Secondary Technicians
Wood Turning*	Face-to-face	16-17 June 2021	7 May 2021	Secondary Technology
Safe Use Refresher	Face-to-face	22 June 2021	14 May 2021	Secondary Technicians
SSERC/IOP Online Summer School*	Online	23-24 June 2021	14 May 2021	Secondary Physics
Working with Radioactive Sources	Face-to-face	24 August 2021	11 June 2021	Secondary H & S
Safe Use of Fixed Workshop Machinery	Face-to-face	25-26 August 2021	28 May 2021	Secondary Technicians
Physics Blended Learning*	Face-to-face & Online	1-28 September & 10-11 December 2021	4 June 2021	Secondary Physics

SSERC professional learning courses continued:

COURSE NAME	RESIDENTIAL?	DATES	CLOSING DATE	SECTOR
Safe Use of Fixed Workshop Machinery	Face-to-face	1-2 September 2021	11 June 2021	Secondary Technicians
Chemical Handling	Face-to-face	7-8 September 2021	11 June 2021	Secondary Technicians
Electrical Safety and PAT	Face-to-face	9-10 September 2021	11 June 2021	Secondary Technicians
Hot & Cold Metal Forming*	Face-to-face	16-17 September 2021	13 August 2021	Secondary Technology
Environmental Science*	Face-to-face	21-22 September 2021	13 August 2021	Secondary Science
Chemistry Residential	Face-to-face	29-30 September 2021	20 August 2021	Secondary Chemistry
Safe Use of Fixed Workshop Machinery (Refresher)	Face-to-face	1 October 2021	3 September 2021	Secondary Technicians
Supporting Advanced Higher Biology*	Face-to-Face & Online	26 October & 7 December 2021	3 September 2021	Secondary Biology
Introductory Physics	Face-to-face	27-28 October 2021	10 September 2021	Secondary Technicians
Wood Turning*	Face-to-face	28-29 October 2021	3 September 2021	Secondary Technology
Safe Use of Fixed Workshop Machinery	Face-to-face	3-4 November 2021	17 September 2021	Secondary Technicians
H&S Online	Online	8, 15, 22 Nov 2021	24 September 2021	Secondary H&S
Maintenance for Fixed Workshop Machinery	Face-to-face	9-11 November 2021	24 September 2021	Secondary Technicians
Safety in Microbiology	Face-to-face	9-11 November 2021	24 September 2021	Secondary Technicians
H&S & Risk Assessment	Face-to-face	16 November 2021	24 September 2021	Secondary H&S
Intermediate Physics	Face-to-face	17-18 November 21	1 October 2021	Secondary Technicians
Hot & Cold Metal	Face-to-face	18-19 November 21	1 October 2021	Secondary Technology
Working with Radioactive Sources	Face-to-face	23 November 2021	22 October 2021	Secondary H&S
Laboratory Science Nat 5	Face-to-face	24-26 November 21	22 October 2021	Secondary Science
Safe Use of Fixed Workshop Machinery (Refresher)	Face-to-face	26 November 2021	22 October 2021	Secondary Technicians
Secondary Probationers	Face-to-face & Online	2 December 2021 2 February 2022	22 October 2021	Secondary Science
Technology Makerspace	Face-to-face	7-8 December 2021	5 November 2021	Secondary Technology

*This course attracts ENTHUSE funding which offsets the course fee.

Please check our website pages at <https://www.sserc.org.uk/professional-learning/calendar/> for the most up-to-date details on our professional learning calendar.

Courses are available for online booking at <https://www.sserc.org.uk/course-online-booking-form/>
Courses may be postponed due to the COVID-19 situation.