

# Writing Science- Persuasive texts and narratives in science

Presented by Jim Sturgiss



The syllabus makes it quite clear that science teachers are teachers of writing. This course is designed to show you how to use writing as a powerful tool for feedback...

Format: 2. Online

Audience: Secondary science teachers 7-12 Primary teachers of science.

## Description

Outside of the English classroom, Science provides the greatest opportunity for students to write. Writing has the capacity to facilitate the abstraction of concepts and promote high order critical thinking. The Science classroom provides excellent opportunities to improve literacy skills and in turn, improve overall student learning outcomes. This course focuses on the genres of narrating and persuading; how to assess student writing from both a scientific and literacy point of view; and provides strategies on how help students write.

### Additional notes about this format

2.5.2 Proficient Level - Literacy and numeracy strategies

5.3.2 Proficient Level - Make consistent and comparable judgements

6.2.2 Proficient Level - Engage in professional learning and improve practice

### Are you in NSW? If so, this is relevant for you

Completing Writing Science- Persuasive texts and narratives in science before 31 July 2021 under NESA's interim arrangements will contribute 3 hours and 0 minutes of NSW Education Standards Authority (NESA) **Accredited PD** in the priority area of Delivery and assessment of NSW curriculum addressing standard descriptors 2.5.2, 5.3.2, 6.2.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.

## Occurrences

Start Date	Location	Price
Now	Online	\$135 + GST

## Sessions

### 1 Engaging in writing

#### 20 minutes

Presentation: The importance of writing in science

Writing task: Participants engage in a persuasive writing task

Presentation: Instructing persuading and narrating in science

### 2 Language and knowledge

#### 20 minutes

Presentation: Language and knowledge

Presentation: What are genres?

Quiz: Identify the genre of text?

### 3 Persuasive texts in Science

#### 1 hour

Presentation: Instructing

Presentation: Expositions

Task: Modality

Task: Nominalisation

Quiz: Persuasive texts in Science

Analysis of student writing - persuasive texts (SOLO)

### The ALARM matrix

#### 40 minutes

Presentation: The ALARM matrix

Quiz: Analysis of student writing

## 5 Historical narratives in Science

40 minutes

Text: What do children's stories and Physics have in common?

Quiz: Analysis of student writing

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### About the presenter



#### Jim Sturgiss

Creator

Improving outcomes through aligned teaching practice synergies.

Jim is an educational researcher and independent educational consultant. A recipient of the NSW PTC Distinguished Service Award for leadership in delivering targeted professional learning to teachers, he works with schools to align assessment, reporting and learning practice. He has been a DoE Senior Assessment Advisor where he developed many statewide assessments, (ESSA, SNAP, ELLA, BST) and as Coordinator: Analytics where he developed reports to schools for statewide assessments and NAPLAN.

Selected NSW Department of Education and Communities appointments

2015 Analytics, Systems and Development Coordinator

2012 - 2013 School Assessment Design and Development Acting Coordinator (ESSA)

2007 - 2010 Head Teacher Science, Newtown High School of Performing Arts

2004 - 2005 Senior Assessment Officer, Computer Skills Assessment (CSA6)

2004 Test Development Officer, Secondary Numeracy Assessment Program (SNAP)

2000 - 2004 Head Teacher Science, Concord High School

1998 - 2000 Senior Assessment Officer, English Language and Literacy Assessment (ELLA)

#### Teaching Qualifications

1993 - 1997 M.Ed. (Hons) University of New England  
(Thesis: Literacy & learning in Science)

1979 Dip. Ed. University of Wollongong

1976 - 1978 B.Sc. University of Wollongong (Majors in  
Chemistry and Bioenergetics)



## Enrol now to secure your spot

Limited spots are available. Please enrol online or fax your enrolment to 1300 667 691 to secure your spot.

Please note, by submitting this enrolment form you are confirming that you have been given financial approval by your employer to attend this course. Cancellation advice should be given in writing 7 days before the commencement of this course.

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Product: Writing Science- Persuasive texts and narratives in science

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Occurrence Date:

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Your Name:

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