Coding Across the Curriculum with Python

Introduction to the Python programming language suitable for stage 4+

Teacher Professional Learning Workshop  (5.5 non-registered hours)

For students today, coding is becoming an essential skill, just like reading, writing, and mathematics. Being introduced to coding gives students an appreciation of what can be built with technology. We live in a digital world. Understanding how technologies work, and imagining new devices and services, are enhanced by understanding coding.

Not everyone taught coding will become a coder or have a career in information technology. Art is taught in schools with no expectation that the students should become artists. Code is a tool that enables you write your story with technology. If you can code you can communicate your ideas with a computer or a program so they can be brought to life in bigger, brighter, and more creative ways.

This workshop will support participants in getting started with Python’s fast, object-oriented programming language. Python has a low barrier to entry and is supported by a large online community. Its code is used in programs and software that touches every aspect of our lives.

Participants will:

- explore the available tools
- load and modify an existing game or activity
- build confidence by completing guided Python programming activities across the curriculum
- begin work on an ‘Open Ended Project’ section after lunch

“Everybody in this country should learn to program a computer, because it teaches you how to think”
– Steve Jobs

WHO
Aimed at High School teachers but appropriate for some Primary Teachers

WHEN
Please see website for dates

TIME
9am-3:30pm

LOCATION
North Ryde, NSW

COST
$245 (inclGST)

CONTACT
macictsupport@det.nsw.edu.au
Phone: 02 9850 4310

REGISTER NOW!

Register online through MyPL@EDU
MyPL Course Code: DV03157

NSW DoE teachers: Log into MyPL@Edu with your DoE credentials & search for the course using the above code or course title. Government schools will be charged internally by the NSW Department of Education. This will be reflected on your sundry tax invoice statement.

Non-DoE teachers: You will need to sign up for a username and password to access MyPL. Just click “Don’t have a username” on the MyPL website and follow the instructions. Private schools and other institutions will be invoiced by the NSW Department of Education.

Please note: Any cancellations made within 5 days of the course, or no-shows, will be charged to your school.