



National Workshop 2



LEAVING CERTIFICATE
COMPUTER SCIENCE

Session 3

**Resource Development
Curriculum Planning
Critical Reflection**

Resource Development

Resources



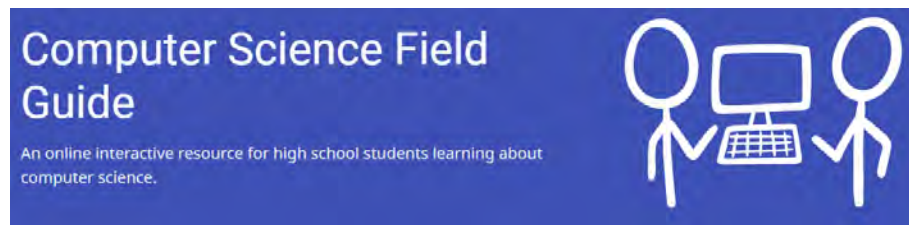
<https://www.compsci.ie/>



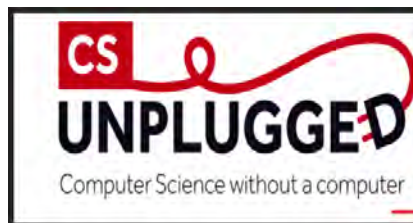
<https://helloworld.raspberrypi.org/>



<https://isaaccomputerscience.org/>



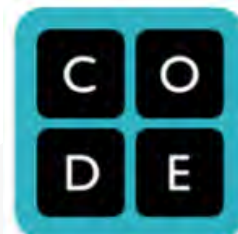
<https://csfieldguide.org.nz/en/>



<https://csunplugged.org/en/>



<http://csinc.ie/>



<https://code.org>

Search Resources

Browse Resources

Add a Resource +

Senior Cycle

Computer Science

Refine further

No options



SUPPORTING LEAVING CERT COMPUTER SCIENCE



LCCS CPD

PDST CPD events and resources



Q&A Section

Find common questions that teachers have about Computer Science.



CESI CS

CESI mailing list - Join the discussion.

WHAT'S NEW

Recently Added

Site updates...

Who is it for?

Tagging and keywords and its importance.

Teachers' resources available for ... Python ... CT

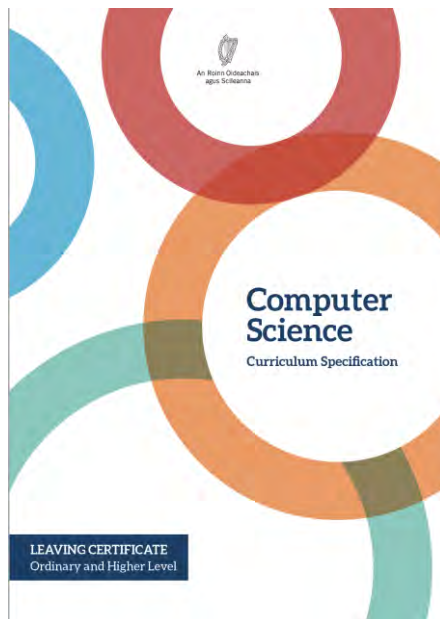
How can I contribute?

Activity

1. Find and upload to Compsci.ie one link / resource.
2. Any topic.

COMPSCI.IE

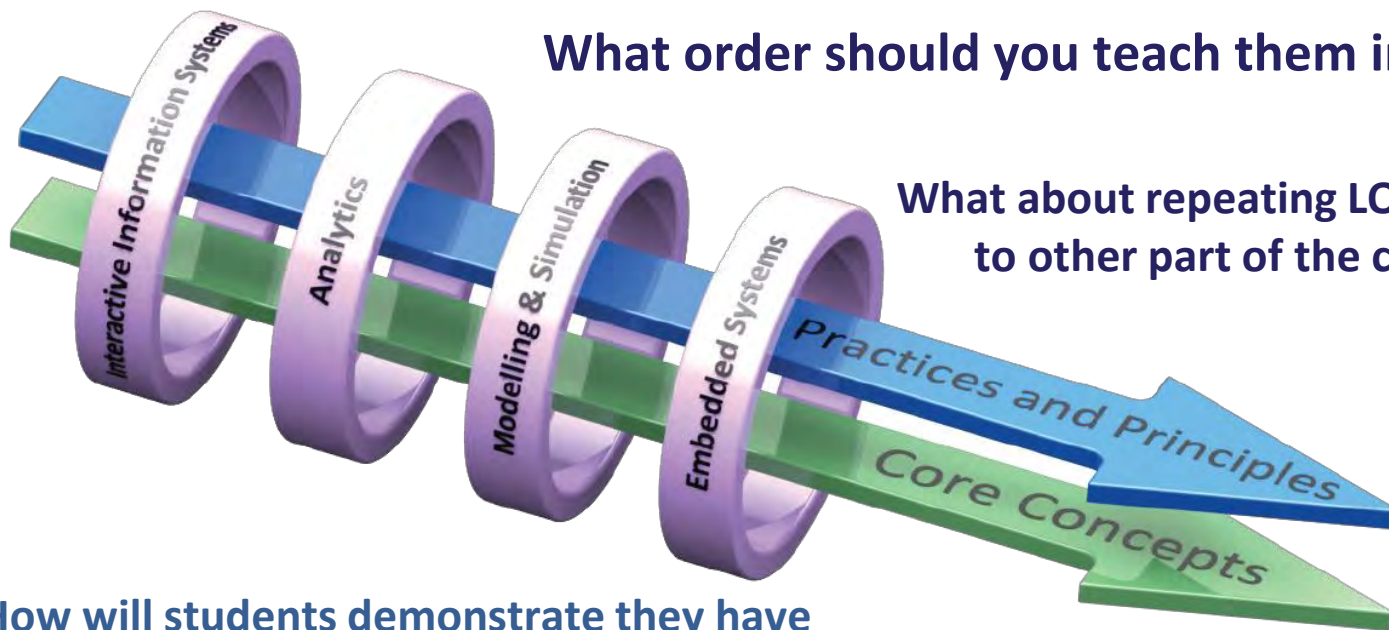
Curriculum Planning



‘Learning outcomes can best be defined as statements of what a learner knows, understands and is able to do after completion of learning.’

CEDEFOP (2009)

What will you do with LOs?



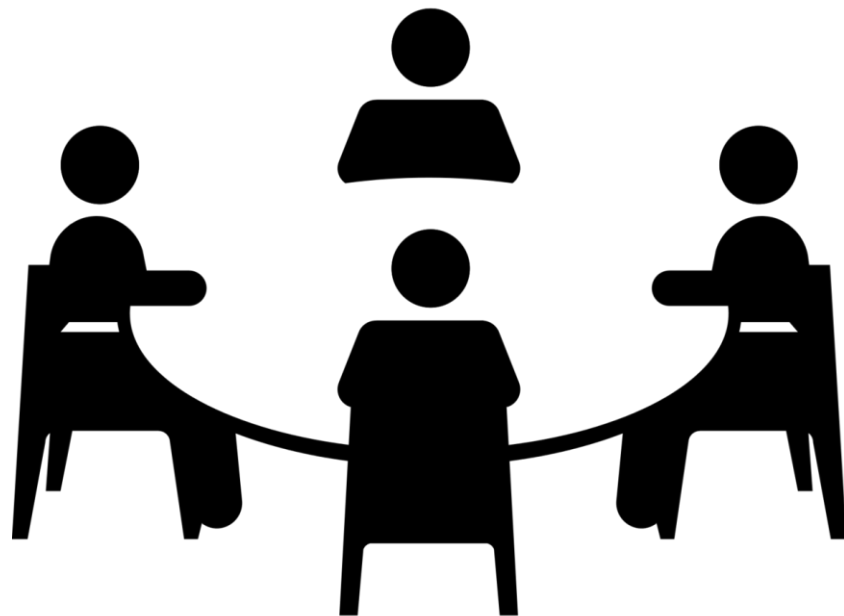
What order should you teach them in?

What about repeating LOs / Linking to other part of the course?

How will students demonstrate they have achieved the learning outcomes?

What content or resources do you need?

Group Activity



Group Activity - Instructions

How do you intend to approach LCCS in your classroom (next 4 weeks/until mid-term/Christmas)?

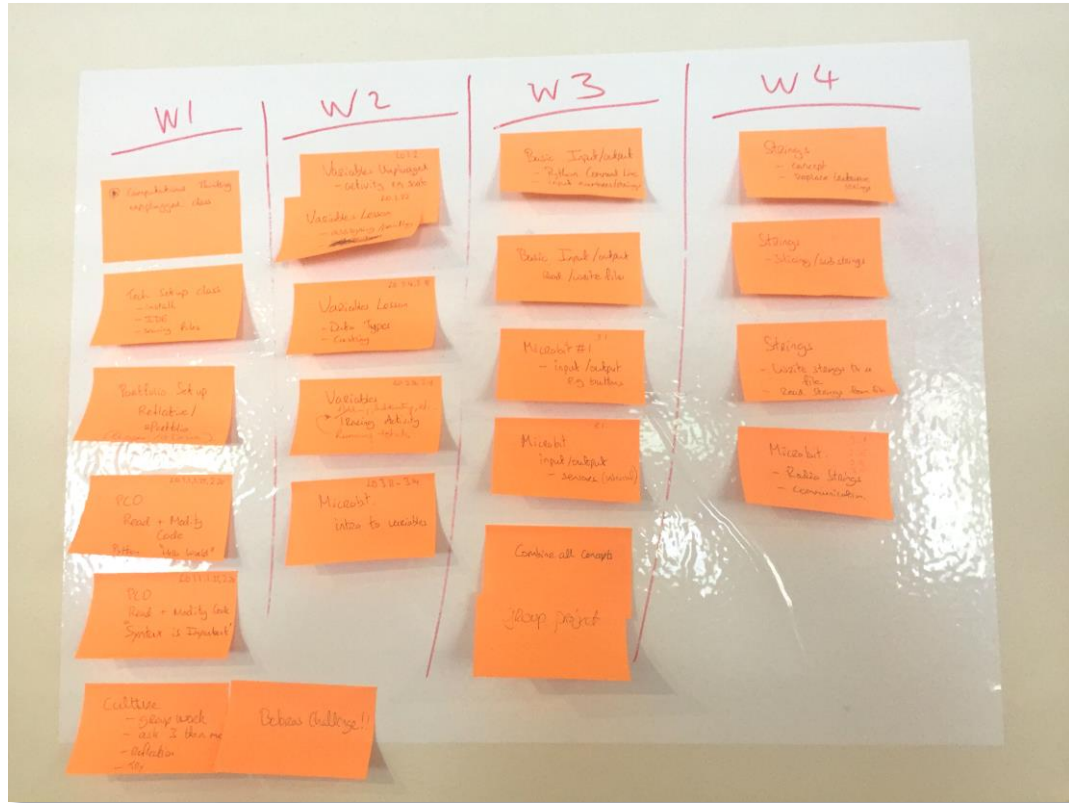
Work in your group and consider – Timeframe, Subject Topics / LOs / Resources / Assessment / Build up to ALTs / ALTs / Equipment etc.

Summarise your group's work ...
chair will provide feedback

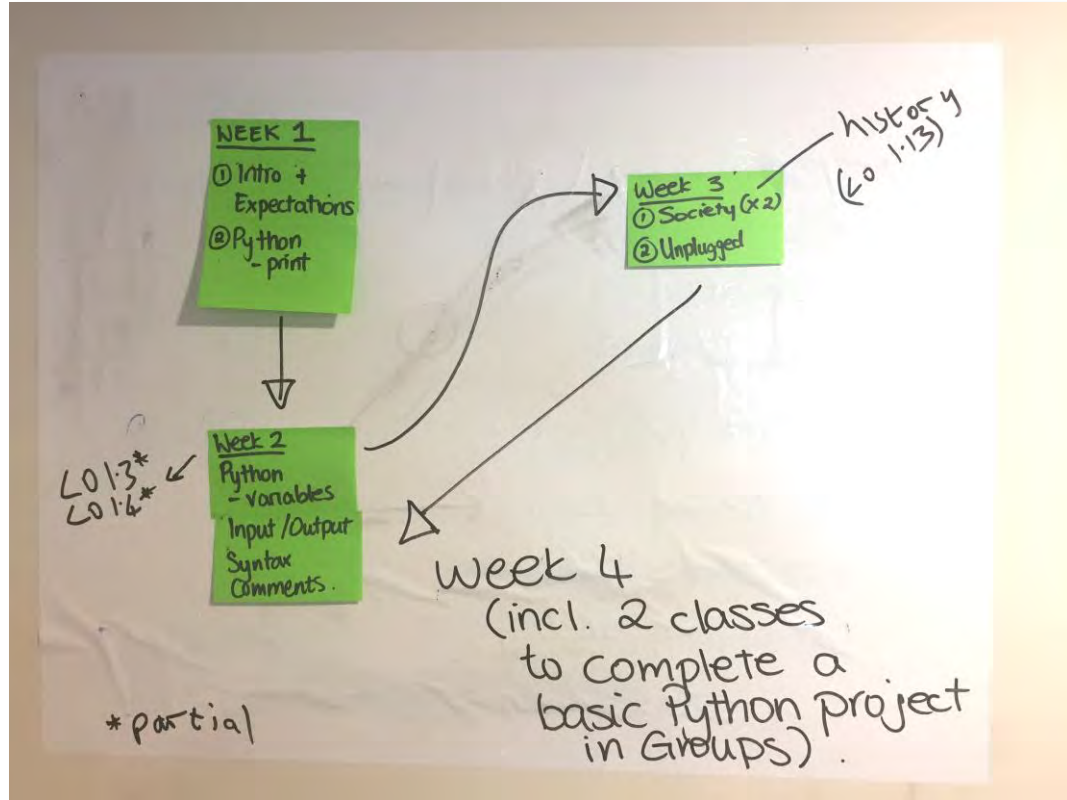


Use the spec. for this activity

Mapping Activity from May



Mapping Activity from May



Key Message to remember:

*Explore and teach the LOs through
the lens of ALTs.*

*There are several ways to achieve
this.*





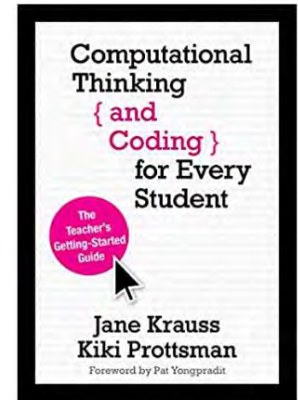
Why did you make these decisions?

Where do you want to be in January 2021 in terms of the course?

Presentation

Dos and Don't's of Teaching Computer Science

1. Don't expect to be an expert
2. Do let your class explore
3. Do let your class share
4. Do give kids time to move
5. Do get creative
6. Don't be a bore
7. Do relate computer science to students' lives
8. Don't expect cookie-cutter results
9. Do set students up for success
10. Do treat CS as an art



"The computer is incredibly fast, accurate, and stupid. Man is incredibly slow, inaccurate and brilliant. The marriage of the two is a force beyond calculation."

Leo Cherne



**An Roinn Oideachais
agus Scileanna**
Department of
Education and Skills



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