Computationl Thinking.
Cups. Activity

Which Key Learning Area/s is this lesson plan for?

TAS stage 4   Intro Lesson.

NSW Syllabus Outcome(s): *What do students learn and are able to do as a result of this lesson? What subjects and year level?*

Design, communicates & evaluates. TE41DP.

Introduction: *How will you get the students motivated, curious and ready to learn?*

Perform a regullar function.

Metalanguage: *What are the key concepts or procedures that you want students to understand as a result of this lesson?*

Algorithm —
computational thinking —
Conditionals —
Command —
Debugging —

Computational Thinking: *Which of the computational concepts, practices and perspectives will students have the opportunity to learn about in the lesson?*

Computational
Perspective.

Dr Elena Prieto and Mr Daniel Hickmott

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Teaching Activities: *What strategies will you use to teach the content and skills? How long will you spend on each of those strategies and with the content? How would you address different levels or prior knowledge?*

<u>Unpluged</u>.

* Complete a regular function.
* Comparing human logic to computer logic.
* Create algorithm for cups activity
* Team testing & evaluation.
* ~~Deb~~ Debugging algorithm.

windows

Lesson Closure: *How will you bring the lesson to a conclusion?*

Questioning explicit instructions.

Consideration
Complexity of instructions.

Understanding
That certin instructions must be followed exactly

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Assessment: *How will you know whether the students achieved what you wanted them to achieve?*

Peer evaluations

Self assessment

Teacher observation

Resources: *What materials do you need for this lesson? Have you used ideas from elsewhere?*

- Room
- Paper, pens
- paper cups.