

Semester Project — Work plan

be more efficient in the way

- iterative process to have a more efficient path, to have the table of sensors at the intermediary presentation
- Week 2 — 26.02 - 03.03
 - Work plan established
- Week 3 — 04.03 - 10.03
 - Get a hand in back in on the sensors of Thymio + understanding of the use of VPL3 and Blockly + exploration of the given costume
- Week 4 — 11.03 - 17.03
- Week 5 — 18.03 - 24.03
 - List of all sensors + create systematic plan to be used by all sensors to be tried out with each of the costumes
 - [This costume makes sens with this sensor why and how ?](#)
 - Create table of all sensors crossed validated with the costumes (figure out which could be used with only the costumes, with costumes and environment, without the costumes but environment uniquely)
Which sensor can be used with which costumes creates a liste of which sensor could be used in an interactive system, weather it's an autonomous costume or if it is triggered by the environment (the sensors)
 - List which sensors can be used in autonomous way (only triggered by the costumes) and which can be used in interaction with the environment

Chose that the **programming approach** is rich with each costumes

- Week 6 — 25.03 - 31.03
- Week 7 — 01.04 - 07.04
 - Exploration on the combination of the use of the sensors with the costumes and the various programming languages (what differences are they if we code in VPL3, Scratch, Blockly or Python), Proof of concept that the costumes are enhancing the programming learning — push the original project with a more 'advanced' programming aspect —> different ways to explore

Intermediary presentation

- Break — 08.04 - 14.04
 - Exploration of ideas on how to make my research compatible in education purposes
- Week 8 — 15.04 - 21.04
- Week 9 — 16.04 - 28.04
 - Second part of projet to validate results and push results in education purposes

- How does the costumes enhance the learning aspect of the Thymio ?

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- Week 10 — 29.04 - 05.05
- Week 11 — 06.05 - 12.05
- Week 12 — 13.05 - 19.05
 - 17.05 —> preliminary version of the report
- Week 13 — 20.05 - 26.05
- Week 14 — 27.05 - 02.06
 - 03.06 —> end version of report