STEM Lesson n°10

« Pedro & Raspberry Pi »

v1.0.0

PDF Tricks
*(To make sure the PDF file that opens in your browser shows the most up-to-date version,
add a version query to the URL, like this:
https://almtzr.github.io/PedroSTEM/stem_lessons//myfile.pdf?v=2)*

🎯 Learning Objective

🧑‍🏫 Instructor Notes

- Recommended age: **12 years and older**
- Ideal for **STEM clubs, classroom workshops, or science projects**
- Students should have **basic computer literacy**
- Duration: ~**2 hours**

🧰 Required Materials

Item	Quantity	Description
Pedro Robot Full Assembled	20 units	Two robots by student
Computer (Windows, Linux, or OS X)	1 or 2 units	With Arduino IDE installed

🧩 Final Activity

At the end of the workshop:

- Students complete a **30-question quiz** to review key concepts.
- Teachers can discuss real-world applications of robotics and 3D printing.

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Work in progress...

Pedro STEM Lesson n°10   https://pedrobot.com

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