Barnabas-Bot Selection Guide

Kit	Coding	Mechanical Assembly	Computer Aided Design	Electrical Wiring	Breadboarding	Soldering
Junior	✔	✔	*✔	✔	✘	✘
Explorer	✔	✔	*✔	✔	✔	✘
Hacker	✔	✔	*✔	✔	✔	✔

Additional Ordering Instructions:

- *✔ = Only if you select "Custom Face Plate" when ordering
- Home Version: Select when doing an independent study at home
- Classroom Version: Select when learning with 2 or more students in a group
- No Body: Select this option if you want to 3-D print your own body at home.

Definitions:

- Coding: Writing commands to your robot to make it move using either block-coding or text-based coding. Example lesson.

- Mechanical Assembly: Using screws, nuts and bolts to put your robot parts together. Example lesson.

- Electrical Wiring: Connecting electrical wires so that your robot can send power to all the motors, lights and buzzers. Example lesson.

- Breadboarding: Electrical wiring, but much more complicated! Example Lesson.

- Soldering: Requires the use of a soldering iron to connect each component onto the Barnabas-bot board before you can start doing wiring and breadboarding. It is much like welding metal. Example lesson. Only recommended for those who have extensive experience in soldering.