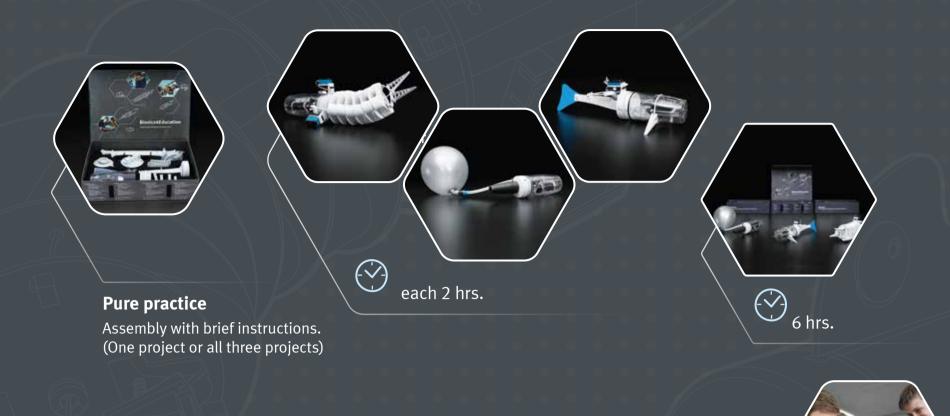
## **Bionics4Education: Learning Path**

Bionics Kit - Bionic Fish, Bionic Elephant, Bionic Chameleon







## **Strengthen digital competences**

15 - 20 hrs.

- Coding the bionic robots with the Open Roberta Lab or coding activities on GitHub (Bionics4Education).
- Use of digital learning platform (Festo LX).
- Use digital tools such as 3D printing and online CAD-Design and prototyping of components and spare parts (partly OER materials).

## Advanced learning fields

- Scrum agile project management method and teaching of the 4 C competencies.
- Information about interdisciplinary teams in bionics and possible STEM career paths.