

# Bionics4Education

## Robotic Fish - Tasks

Tasks are identified in no particular order. Use this information to complete the project management document.

<b>Insert batteries in battery compartment</b>	<b>Attach head, fin, silhouette</b>	<b>Connect the electronic board to the battery compartment</b>	<b>Connect FinRay fin to servo motor rudder horns</b>
<b>Draw the sealing rings on the connecting piece</b>	<b>Locate/set-up water basin</b>	<b>Fill water basin with water</b>	<b>Check completeness of the kit</b>
<b>Mount servo motor on FinRay fin</b>	<b>Locate material (fin, head, taring)</b>	<b>Documentation (Film) / Evaluation of project results</b>	<b>Slide the electronic board into the body guide rail</b>
<b>Connect the connecting piece with the body</b>	<b>Add lateral fin</b>	<b>Prepare work area</b>	<b>Disassemble the robot</b>
<b>Attach FinRay fin to connecting piece</b>	<b>Tare</b>	<b>Optional: Advanced activities</b>	<b>Monitor task times to ensure timeline on target</b>
<b>Attach the silicone tube to the FinRay fin</b>	<b>Servo motor plug through silicone tube / pull through hole</b>	<b>Place the battery compartment in the body</b>	<b>Analyze biological role model</b>
<b>Make head, fin and silhouette</b>	<b>Clean up your work area</b>	<b>Ensure leakproof design</b>	<b>Evaluate team work</b>
<b>Control steering /Testing</b>	<b>Connect the battery connection cable to the battery compartment</b>	<b>Optimization (form, movement)</b>	<b>Connect servo motor with electronics board</b>
<b>Research fin shapes</b>	<b>Print / Present project plan</b>	<b>Monitor project progress</b>	<b>Connect the device to the microcontroller's WLAN</b>