Bionics4Education

Robotic Chameleon - Tasks

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

Insert battery in battery compartment	**Place the battery compartment in the body**	**Guide cable ties through silicone cap adapter**	**Evaluate project result**
Connect the electronics board to the battery compartment	**Attach waterproof servo motor to connector**	**Optimize the gripping process**	**Attach the balloon to the tube**
Connect the battery connection cable to the battery compartment	**Adjust the rudder horn**	**Slide the silicone cap over the attachment and fix it in place**	**Documentation (Film)**
Connect the body to the connecting piece	**Connect the servo motor to the electronics board**	**Attach cable ties from silicone cap to servo motor**	**Prepare work area**
Draw the sealing rings on the connecting piece	**Attach tube to silicone cap adapter**	**Optional: Advanced activities**	**Check completeness of the kit**
Make a silhouette	**Evaluate team work**	**Connect silicone cap adapter with connector**	**Clean up your work area**
Slide the electronics board into the body guide rail	**Locate material (balloon, silhouette)**	**Attach cable ties to silicone caps**	**Locate various objects to test grasping/gripping ability**
Control steering / Testing	**Attach silhouette, balloon**	**Analyze biological role model (tongue shot)**	**Disassemble the robot**
Grip different objects	**Print / Present project plan**	**Monitor project progress**	**Monitor task times to ensure timeline on target**