



NAO Hard Transport Case

Move and store your NAO robot safely and easily with this super-strong wheeled transport case. The styrofoam packing supplied with your NAO robot fits inside the case to give perfect protection.

Only
£257.49
Order code 70-8890



NAO Humanoid Robot Spare Rechargeable Battery and Charger

A spare or replacement rechargeable battery pack for the NAO humanoid robot.

Battery **£199.99**
Order code 70-7772
Battery Charger **£185.00**
Order code 70-8888

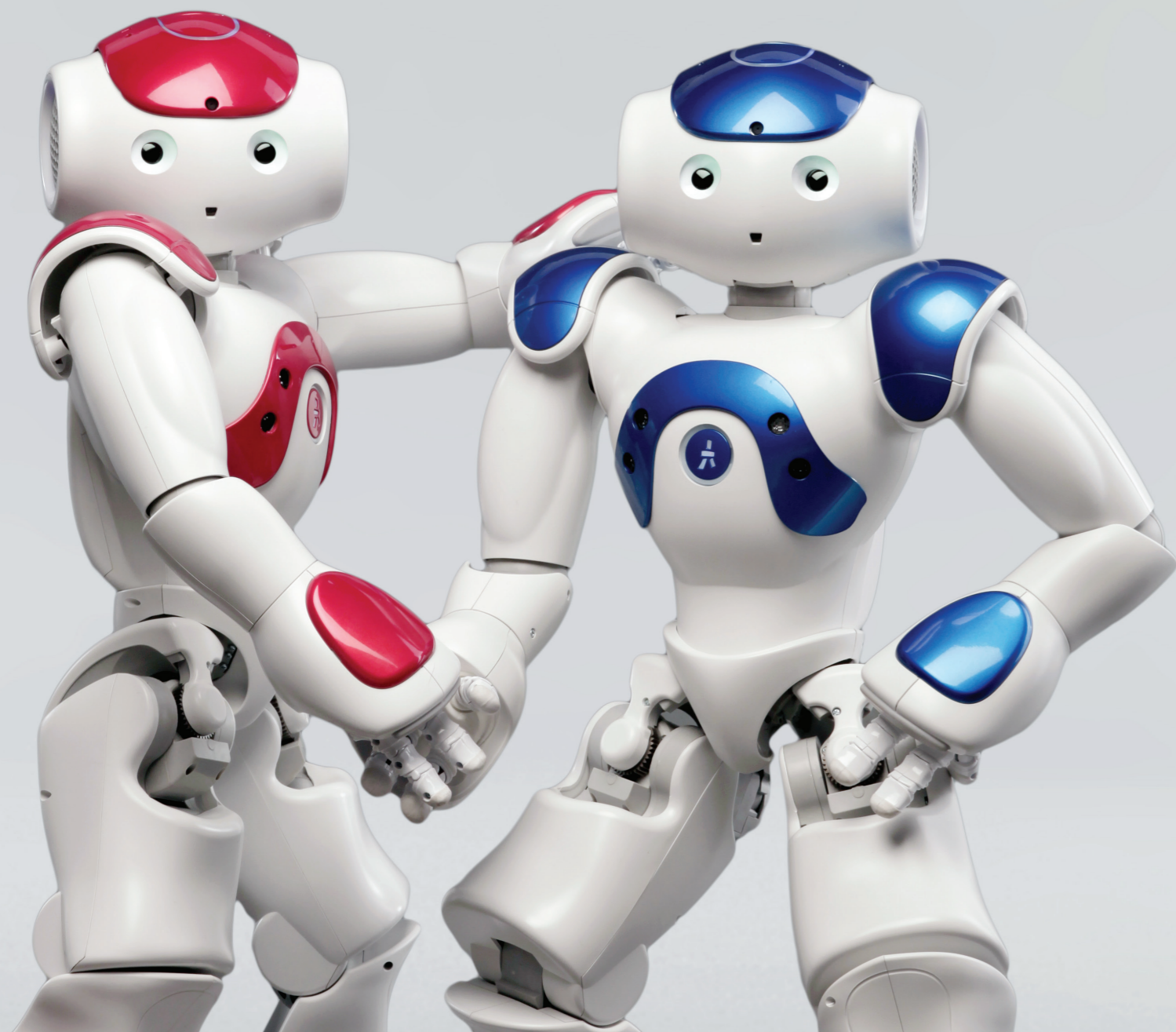


Webots Software for NAO User Licenses

Webots for NAO Software allows you to simulate your robot programs in a virtual environment that has real world physics.

The on-screen NAO can interact with objects in the virtual world, allowing students to test their programs whilst others are using the NAO hardware.

Single user **£75.00**
Order code 70-8886
10 user license **£415.00**
Order code 70-8887



www.rapidonline.com sales@rapidonline.com



FREE TRAINING

NAO Training – Get to know your NAO

Rapid will be holding a number of training events for NAO owners throughout 2016. These sessions will be held at our offices in Colchester and are free to anybody who has purchased a NAO from Rapid.

The training will cover:

- Setting up and caring for your NAO robot
- Using the Aldebaran Community and downloading behaviours
- Using Choregraphe to program your NAO
- Simple behaviours
- Using Dialog for more complex interactions
- Animating your NAO using Timelines

What you will need to bring:

- Your NAO Robot, battery, power supply and Ethernet cable (unless you are collecting your new robot from Rapid at the training)
- A laptop with the Choregraphe programming software installed

When and where:

Training sessions are held at Rapid's offices located just off the A12 in Colchester, Essex.

Sessions will start at 9:00 and end at approximately 16:00. The training sessions themselves are free but attendees will be required to make their own travel arrangements and book accommodation if overnight stays are required. There are a number of hotels within a short drive and Colchester railway station is approximately 10 minutes away by taxi.

Dates:

- Wednesday 10th Feb 2016
- Wednesday 6th April 2016
- Wednesday 8th June 2016
- Wednesday 10th August 2016
- Wednesday 5th October 2016
- Wednesday 7th December 2016

To book your place or to find out more, contact education@rapidonline.com. Rapid is based on Severalls Lane, Colchester, Essex, CO4 5JS



Orderline: 01206 751166 Fax: 01206 751188 Email : sales@rapidonline.com

Rapid Education, Severalls Lane, Colchester, Essex CO4 5JS

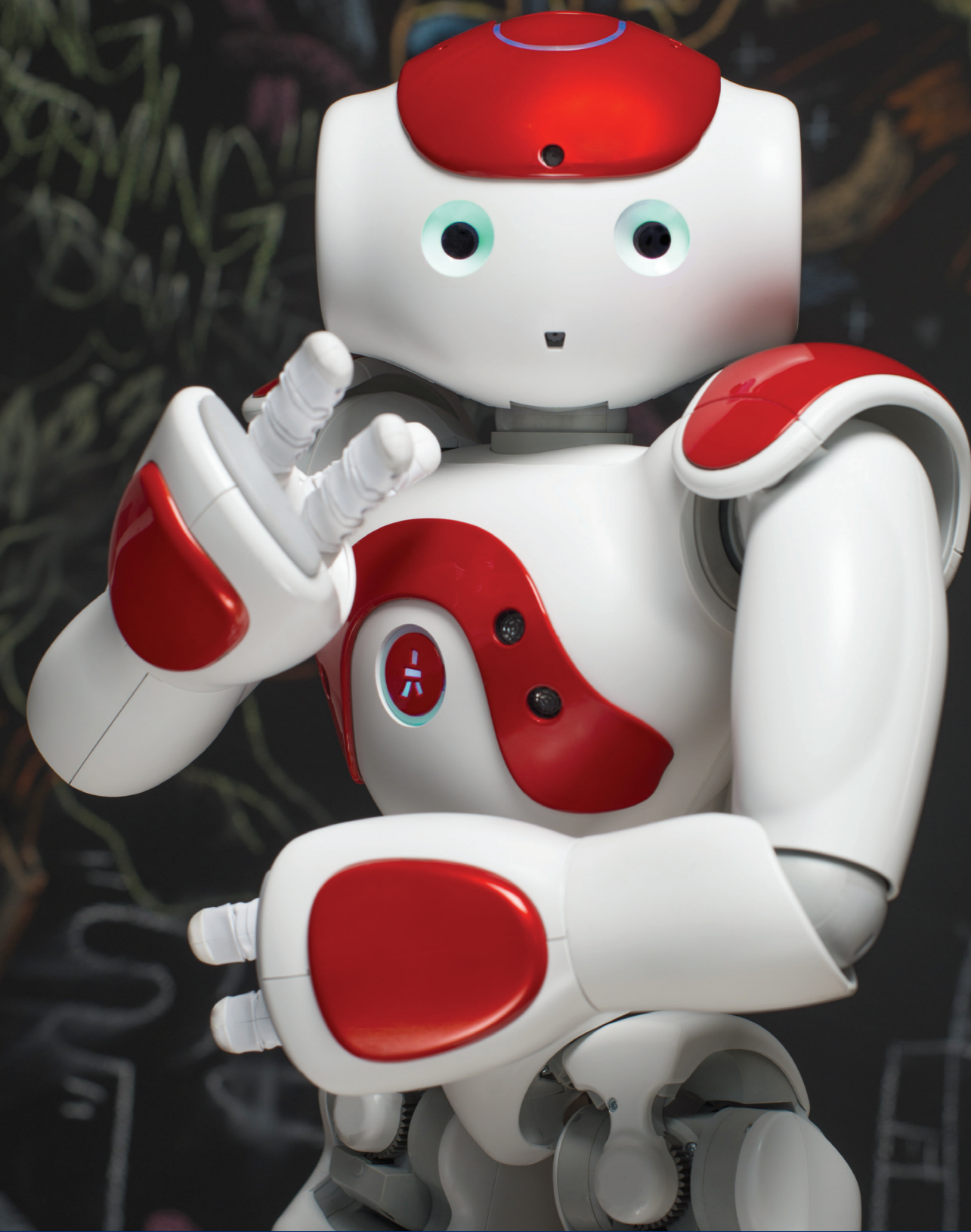
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All prices exclude VAT

六 NAO

FREE INSIDE!
Build your own paper NAO



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Rapid Education part of the **CONRAD** Group

NAO

INTRODUCING NAO, THE MOST WIDELY USED HUMANOID ROBOT FOR ACADEMIC PURPOSES WORLDWIDE

NAO has always been at the cutting edge of educational robotics and programming technology but the price may have previously pushed it out of the reach of many schools, colleges and universities.

Working closely with Aldebaran Robotics, Rapid are now pleased to be able to bring NAO to you at the new price of just **£4200.00** exclusively for the education sector.

NAO stands 58cm tall and is packed full of technology to make it so versatile:

- Humanoid body with 25 degrees of freedom for realistic movement
- 2 cameras for object and face recognition
- 4 microphones allow for directional detection of sound
- 2 ultrasonic range finders for detection of objects
- 2 infrared emitters and receivers
- Inertia sensor for balance control – 2 gyrometers and 1 accelerometer
- Capacitive tactile sensors for interaction with people
- 8 pressure sensors
- 1.6GHz processor with Ethernet and WiFi

SIMULATION

The Webots for NAO software allows you to simulate your robot programs in a virtual environment that has real world physics. The on-screen NAO can interact with objects in the virtual world, allowing students to test their programs whilst others are using the NAO hardware.

The software suite is compatible with Windows, Mac and Linux.

Sold separately, see below.

HOW CAN NAO HELP IN THE CLASSROOM?

The opportunities are endless!

- Graphical programming using algorithmic or Boolean programming
- Program NAO to interact with people and its environment
- Developing your own behaviours using text based programming languages
- Mimic human behaviour
- Study how humans interact with robots
- Use NAO to increase interaction for students with SEN
- NAO is a great recruitment tool – use it at open evenings to interact with potential students and their parents

PROGRAMMING

NAO is capable of moving autonomously, having a conversation with you, identifying objects and interacting with its environment. Anyone can easily compose programs via the graphical interface of the Choregraphe software. Students can explore event-based, sequential or parallel programming using the configurable behaviour boxes. You can also create your own behaviours, as well as using Python to write more complex scripts. NAO can be programmed by either connecting an Ethernet cable between the robot and your computer or over WiFi.

ROBOT AND SOFTWARE PACKAGES

These packages are the ideal way to use NAO in the classroom. Each package comes with one NAO robot, battery, charger, 10 software licences for the Choregraphe programming software and 10 Software Development Kits for advanced users.

Order code	Description	Number of robots	Choregraphe licences	NAO SDK licences	Warranty	Price
70-8880	Red robot	1	10	10	2 year	£4,700.00
70-8881	Blue robot	1	10	10	2 years	£4,700.00

ADDITIONAL SOFTWARE LICENCES

These packages give you more software licences without needing to buy additional NAO robots. Each licence includes the Choregraphe graphical programming software, and SDK for advanced users.

Order code	Description	Choregraphe licences	NAO SDK licences	Price
70-8882	Single user licence	1	1	£230.00
70-8883	5 user licence	5	5	£830.00
70-8884	10 user licence	10	10	£1,500.00
70-8885	Site licence	Unlimited	Unlimited	£3,250.00

WEBOTS FOR NAO VIRTUAL SIMULATION SOFTWARE AND GRID

Order code	Description	Price
70-8886	Single user licence	£75.00
70-8887	10 user licence	£415.00

Webots for NAO

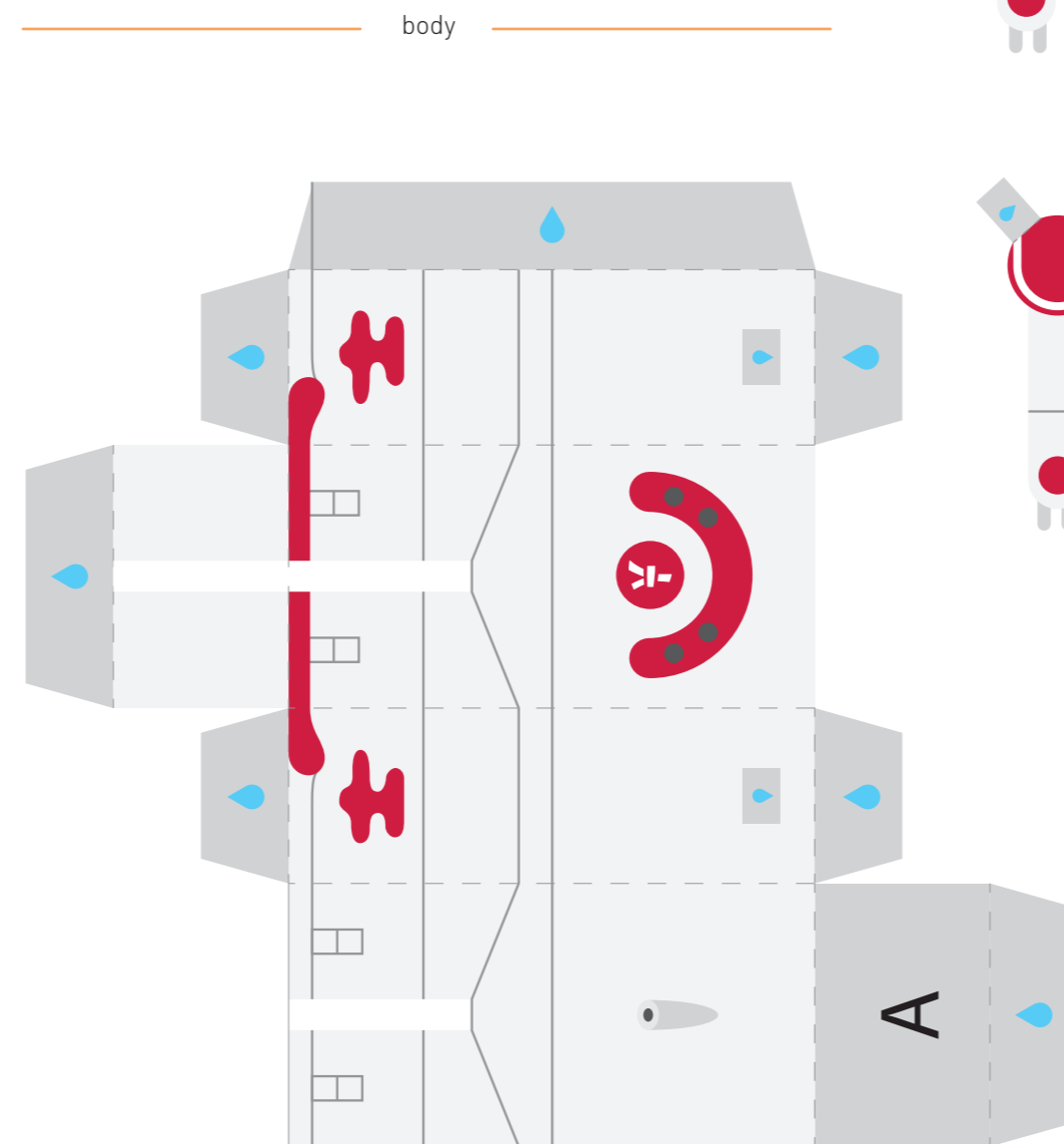
www.rapidonline.com/NAO

NAO PAPER TOY

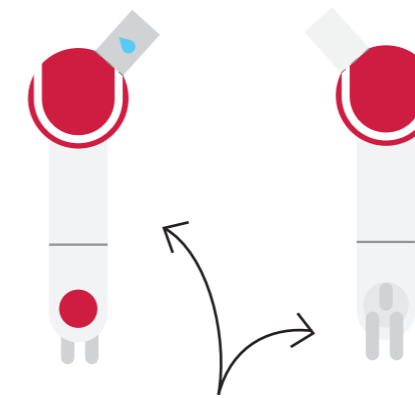
tips:

- Fold
- Glue (use a glue stick for a better result)
- A A Glue together

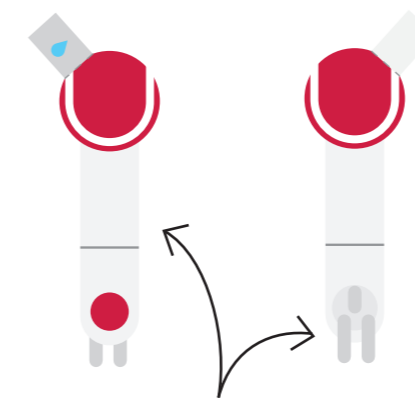
- 1 Cut out the pieces
- 2 Fold along the dotted lines
- 3 Glue together
- 4 Enjoy your paper NAO!



arms

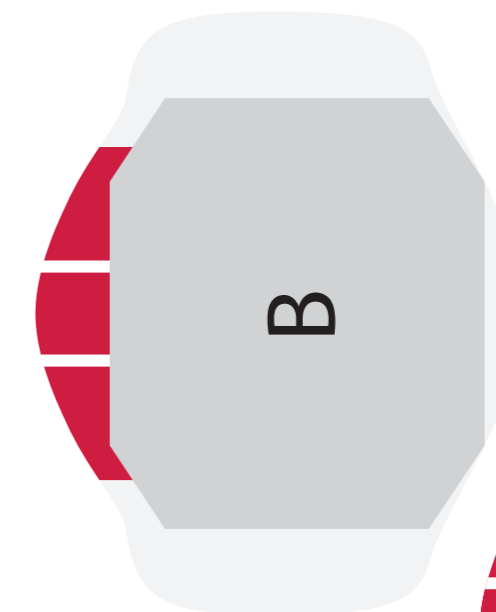


Glue together

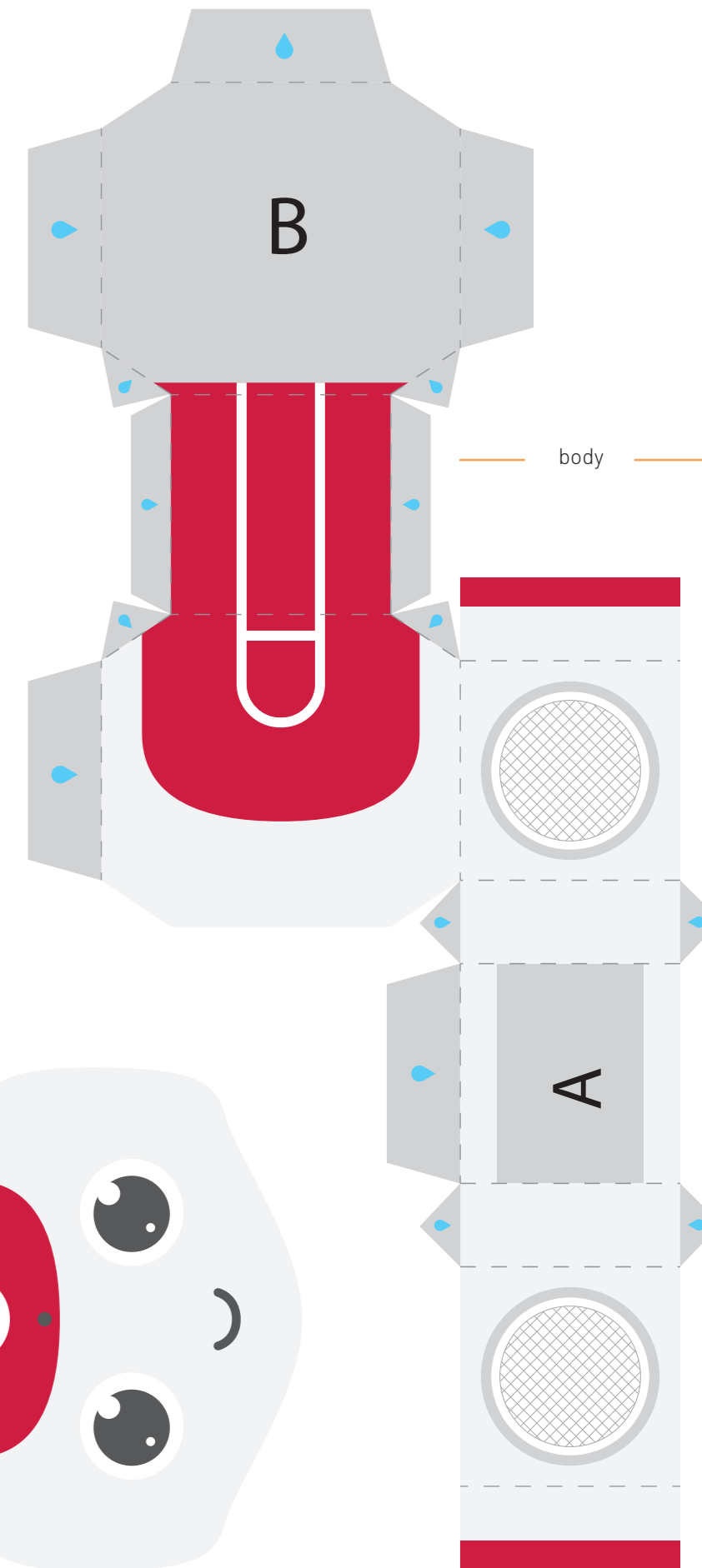
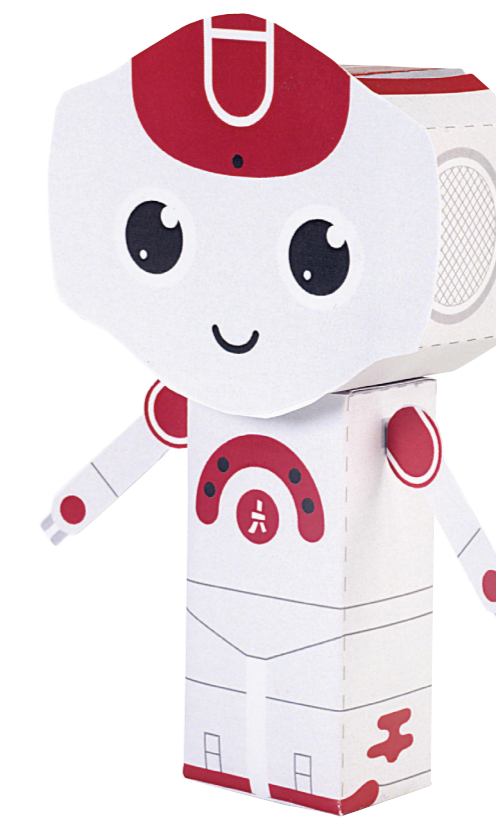


Glue together

head



Glue together



body