



Teaching solutions for a new world

secondary education



SoftBank Group

WHO IS NAO?

NAO is a cute, programmable humanoid robot that will help you create unique, interactive classroom experiences. With over 7,000 robots in more than 70 countries around the world, NAO has truly made a home in education.

2 HD cameras
1280x960

ATOM processor
(Z530)

2 lateral loudspeakers

4 directional microphones

Speech recognition and voice synthesis
in 19 languages

Sonars
2 emitters and 2 receivers

NAOqi
dedicated OS designed to foster direct interactions between humans and robots



In line with today's educational content and challenges

- Ideal platform to introduce STEM related subjects such as Math, Physics, Computer Science and Programming.
- Cross-curricular applications that connect theory with practice.
- Fully adaptable to current school programs.

Powerful platform to engage students and teachers

- Hands-on, project-based learning to encourage teamwork.
- Interactive lessons to drive greater participation.
- Comprehensive and versatile educational solution.

TEACHING RESOURCES FOR TOMORROW'S CAREERS

C Discover programming with Choregraphe

Introduce coding with Choregraphe, our intuitive programming software, using simple drag & drop and algorithmic reasoning.

Teach various programming languages with our SDK (Python, C++, Java, Javascript).

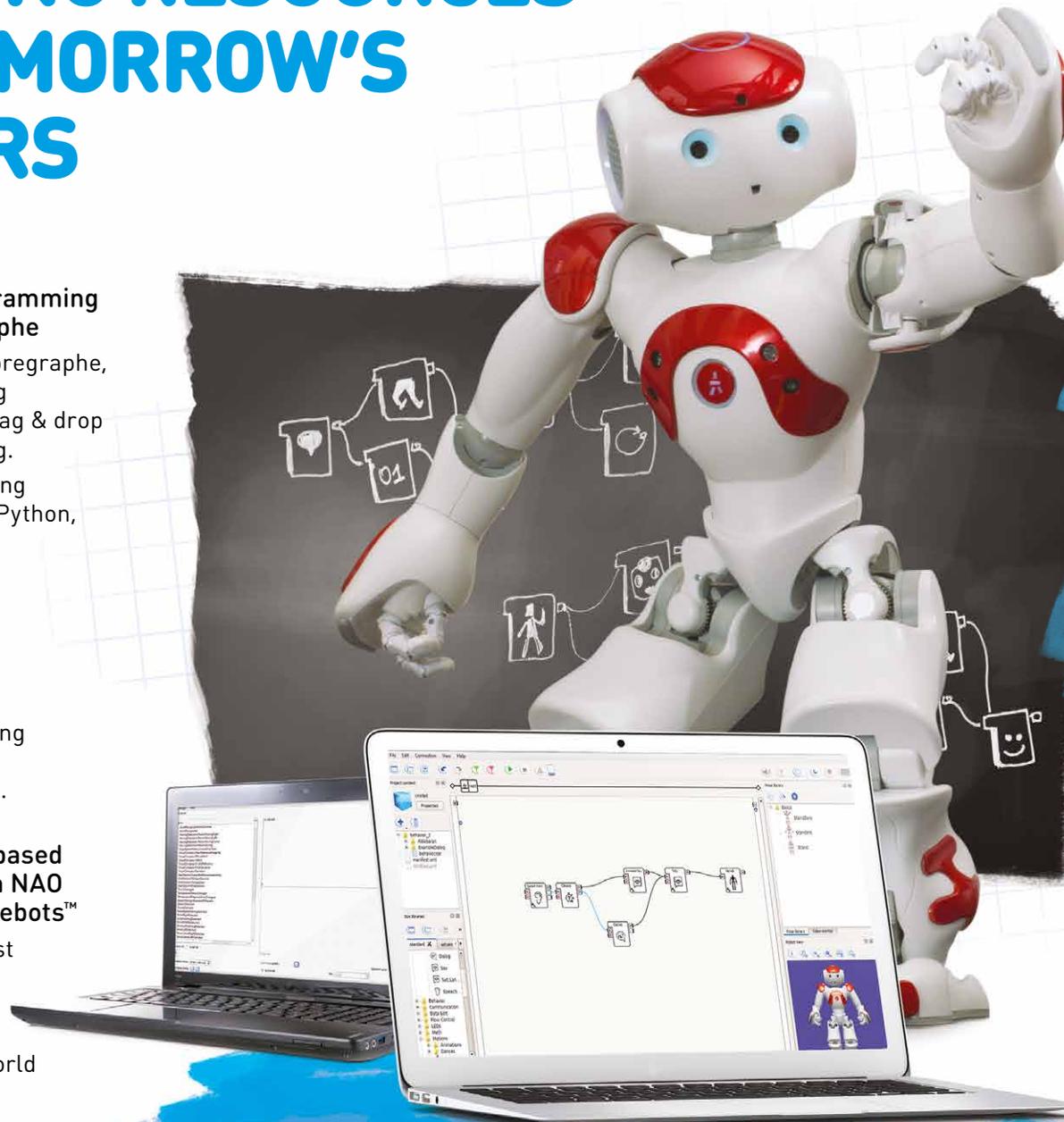
M Explore Mechatronics with Monitor

Demonstrate and explain mechatronics by monitoring the robot's activity thanks to our Monitor application.



Enjoy project-based teamwork with NAO modules for Webots™

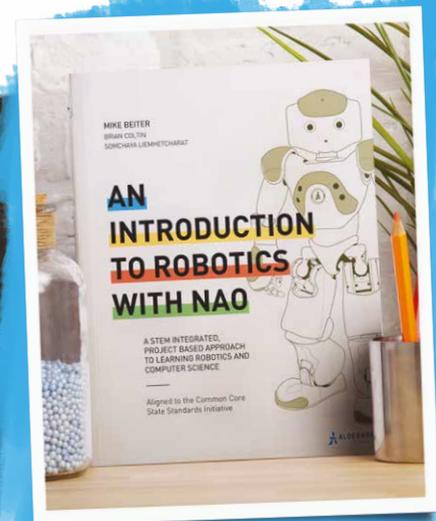
Encourage students to test their algorithms and projects with this 3D simulator program that places NAO in a virtual world governed by real physics.



SUPPORT FOR TEACHERS

Trainings: adapted to your needs and skills

A range of training solutions to support and guide you in creating your own experiences with NAO.



Curriculum: created for teachers by teachers

Ready-to-use textbooks with theoretical modules, practical exercises, quizzes and answers.

Customer Care: dedicated to meet your needs

Dedicated teams trained to assist on all aspects of NAO, on hardware to software questions.

Jump in and Join the Adventure!

 **USA (New Albany, OH):**
Students program NAO to act out famous scenes from plays and present them to younger students

 **UK (Coventry):**
Students develop their programming skills with NAO but consider and also reflect on wider questions such as the role of robots in society.

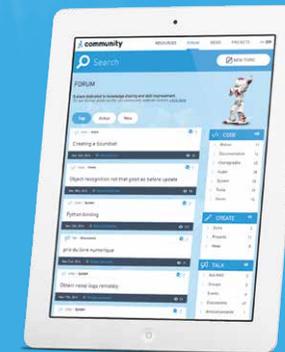
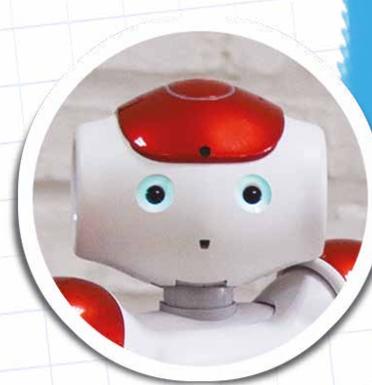
 **Germany (Bietigheim-Bissingen):**
Students program NAO to perform a series of gymnastics and yoga movements and teach younger classes the importance of physical exercise.

 **France (Limoges):**
High school students apply mathematical and physical theories to concrete case studies through NAO.

 **China (Beijing):**
NAO is available at the school's open lab for all students wishing to create specific robotics projects.

 **USA (Miami, FL):**
High school students create customized games and interactive tasks for their school's primary pupils.

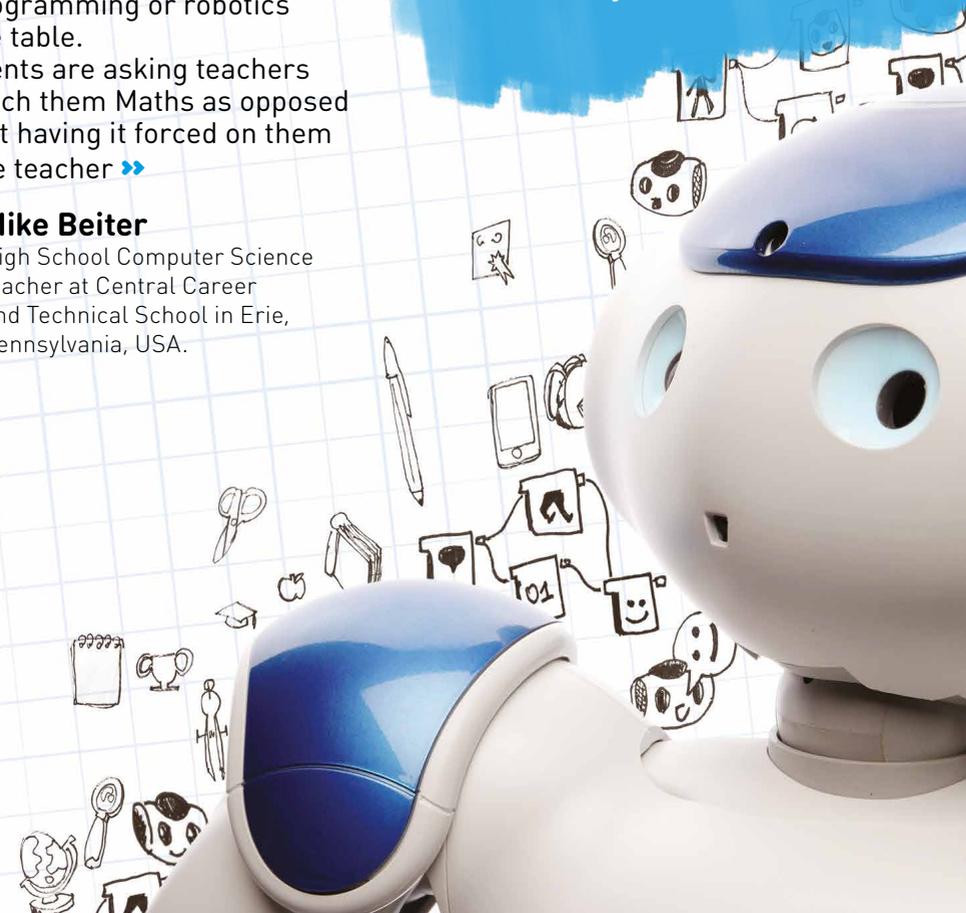
Partners: an enriched experience
We work with a global network of partners, from resellers to developers; educational content and resources are constantly being developed for you to do even more with NAO.



Aldebaran Community:
our dedicated collaborative platform to get information and support, share your experience, knowledge and information and take your project to the next level.
community.aldebaran.com

« One of the things that amazes me most is the draw that NAO has for students; it draws women and minorities that have never shown interest in programming or robotics to the table. Students are asking teachers to teach them Maths as opposed to just having it forced on them by the teacher »

Mike Beiter
High School Computer Science teacher at Central Career and Technical School in Erie, Pennsylvania, USA.





Designing a new world together

Have you ever heard of Aldebaran?

Aldebaran is one of the brightest stars in the nighttime sky and it is also the name of our company. Since 2005, we have been driving technology into a new world by designing humanoid robots and have become the worldwide leader in humanoid robotics.

Our robots are unique.

They are cute, interactive, emotional, and they evolve constantly. In short, we are designing cool robots to make you live new experiences. They've already had an impact in education, assistance, reception, entertainment and also autism therapy.

More than 400 Aldebaranians dedicate their expertise and passion to make our vision of robots a reality. We also create content and applications that will make the adoption of robots possible for everyone.

Learn more at aldebaran.com

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