



An Introduction to learning to code Python with the NAO Bot

The NAO Bot is a humanoid robot, it has arms, legs, hands, eyes, it can walk and talk. Students will gravitate to the Bot quickly due to its human qualities, they will name it, and begin to refer to it as he or she. This program will engage all of your students, and surprise you on how quickly the students will learn to master the Bot while learning coding and problem solving competencies at the same time. Students will collaborate in teams and work independently with the Bot, beginning with basic awareness of the programming tool and then advance with Python coding.

Each module covers a set of objectives specific to learning robotics, but also includes objectives, standards, and lesson plans that cover a wide variety of academic core standards in Math and English.

Sample Program Learning Modules

Module 1 – Hello World!
Module 2 – Walk it Out
Module 3 – Hearing Things
Module 4 – Let's Dance
Module 5 – Sense and Act
Module 6 – Do the Robot
Module 7 – Face Off
Module 8 – Object Recognition
Module 9 – Human-robot Interaction
Module 10 – Finding Your Way

This program can be delivered in three forms:

- **Teacher Training Package:** This is a complete package to train your teacher(s) on the NAO Bot and the curriculum. This package also includes mentoring hours.
- **Program Delivery Package:** This is a complete outsourced package, where we deliver the content and does not include teacher training or mentoring.
- **STEAM Integration Specialist Package:** This is a complete 12 month program beginning in June with Teacher professional development, living lab within summer program, Teacher Training Package during school year.

Below is our price list for the program broken out by line item. Each Package includes everything needed to deliver the program, additional program items can be purchase based on your organizations budget.

NAO In the Classroom Price List Teacher Training Package

Item	Description	Total
Teacher Professional Develop	Two Day Instructor lead program to support teachers learning the NAO Bot and the curriculum	\$3,000.00
16 Hours of Teacher Mentor Sessions	Mentor hours can be utilized for teacher learning sessions or co-teach, teacher modeling sessions (Must be used in minimum 2 hour blocks)	\$4,000.00
20 Hour Curriculum Content	10 Modules of curriculum teaching students how to utilize the NAO Bot to learn the coding tools and basic Python scripting.	FREE
6 Hours of Remote Teacher Mentor Sessions	Phone support of screen sharing sessions online (must be used in 1 hour increments)	\$750.00
Online Teacher Support Community	Invitation only community for STEAM teacher support and peer collaboration	FREE
Teacher Training Package	All of the items listed above are included in this package	\$7,750.00
Cost Breakdown	\$258.33 Per Student program cost based on 30 student class	\$12.92 Per Student per session cost
<i>Optional Program Items</i>		
Additional Mentor Hours	Per hour rate	\$250.00
Additional Remote Mentor Hours	Per hour rate	\$125.00
Student Assessment Report	Pre/Post Assessment Data Report for Impact Metrics	\$500.00
NAO Bot	NAO Bot Per Unit Cost	\$8,500.00

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NAO In the Classroom Price List Program Delivery Package

Item	Description	Total
Instructor & Curriculum <i>(One Instructor per class-room)</i>	20 - 40 Minute Class Sessions in 20 Weeks or 10 Weeks	\$5,000.00
NAO Bot Loaner Unit	One NAO Bot Unit	FREE
Program Delivery Package	All of the items listed above are included in this package	\$5,000.00
Cost Breakdown	\$166.67 Per Student program cost based on 30 student class	\$8.33 Per Student per session cost

Optional Program Items

Additional NAO Bot Loaner Unit	One NAO Bot Unit	\$1,000.00
Loaner Laptops <i>(Minimum 25)</i>	Surface 3 Devices	\$85.00 Per Device

STEAM Integration Specialist Package

CF(e) Training Cycle	Connections Foundations (e) Two Day Coaching Training	\$3,000.00
STEAM Integration Training	Three Day ICT/PBL Training	\$4,500.00
Creating STEAM 10 Day Living Lab	Mentor participation over 10 day immersive program	FREE
Teacher Assessment Impact Metrics	Pre assessment, two mid point assessments and one final assessment	\$500.00
Teacher Training Package	Full "Teacher Training Package"	\$7,750.00
STEAM Integration Specialist Package	All of the items listed above are included in this package	\$15,750.00

The STEAM Integration Specialist is a full year long program that immerses teachers into STEAM learning programs with competencies in Project Based Learning, Hands On Experiential Learning, Industry Experts, Robotics, Coding, Entrepreneurship, Marketing, Engineering Design Thinking, PC Building, Presentation Skills, Communications Skills, Online Learning Tools, Skype Communications, Microsoft Office 365, and much more.