



Electronics Mastery

Explore Thriving Opportunities

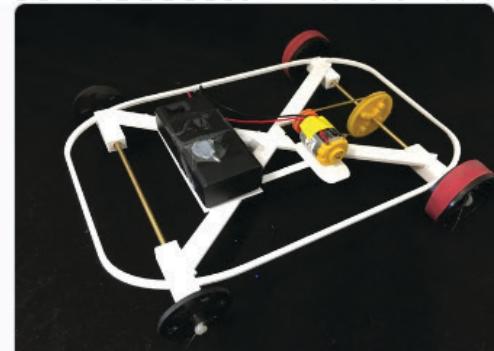
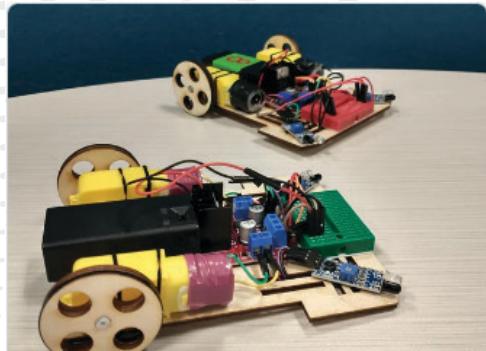
Creativity

Critical Thinking

Technology Literacy

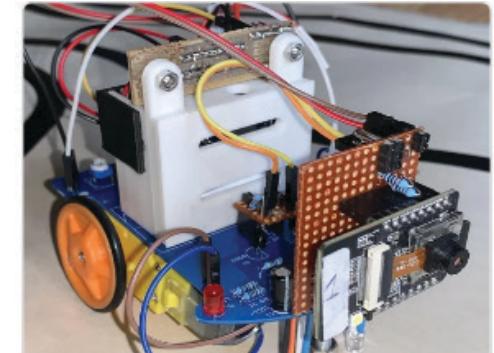
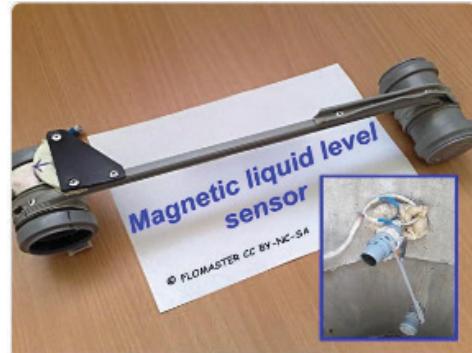
Electronics

<https://www.tinkercad.com/>



A free platform that allows students to create 3D designs, build circuits, and learn coding.

<https://www.instructables.com/circuits/projects/>



A website to empower innovators to take the problem of today and turn them into something amazing. It is a place to explore, document, and share your creations.

Programming

<https://code.org/>

Introducing incredible updates
to our curriculum

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A free website to learn computer science. It is filled with useful resources and an updated curriculum.

<https://scrimba.com/learn/python>

Learn Python



with Olof Paulson

Course level: Beginner

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<https://www.hackinscience.org/exercises/>

Python — Basics

1. Hello World	Solved by 24026
2. Print 42	Solved by 22950
3. Number of seconds in a year	Solved by 13522
4. Using operators	Solved by 16250
5. Characters counting	Solved by 16519

Python — Training

1. Distance	Solved by 3452
2. Check if a number is prime	Solved by 2726
3. Sum of every prime number below n	Solved by 1812
4. Print every prime numbers in a range	Solved by 1529
5. Next prime	Solved by 1304

Python — Realist

1. Longest word	Solved by 4493
2. Print sorbet flavors	Solved by 3995
3. Sets of love	Solved by 2484
4. Sort students	Solved by 1999
5. Reverse Roman Numerals	Solved by 1320

<https://profound.academy/python-introduction>

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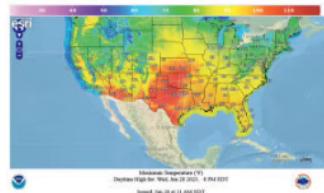


How Stuff Works

<https://www.howstuffworks.com/>



10 Biggest Malls in America



What Is a Heat Dome and How Long Can It Last?



12 Healing Crystals and How to Use Them



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General

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The 21st century is a time of great change and opportunity. Here are some key skills that you need to succeed in the 21st century.

01 Critical thinking & Problem Solving

02 Communication skills

03 Creativity

04 Information literacy

05 Technology skills and digital literacy

06 Global Awareness

07 Social skills

08 Innovation skills

09 Artificial Intelligence