

# Teach-In 2022

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# Notes

## Introduction

Raise your hand if you like math! If you like puzzles! If you like solving hard problems!

## Engineering

My name is Morcous Wahba, I am a Software Engineer. Does anyone know what an Engineer is?

An Engineer is someone who looooooves to solve problems. I love to solve problems - I like to do puzzles! I like to do math! I like to fix things! I like to invent new things! All of that is what an Engineer might do!

I brought some puzzles for you all to try out today

We have some color puzzles, some shape shifting puzzles, some wood puzzles, some metal puzzles. So go ahead and try to solve some of them and see how far you can get.

## Lockheed Martin

Every day when I go to work, I try to solve problems. And I work at a place called Lockheed Martin. Let's watch a video about all the things we do at Lockheed Martin

<https://www.youtube.com/watch?v=Gd53rZs5fsY>

We do a lot of cool things at Lockheed Martin! We make airplanes and helicopters and big boats, and we make fancy helmets and cameras and radars and lasers. We want to go to Mars! We want to make things fast and small and invisible!

For me, at Lockheed Martin, I work on airplanes and helicopters! And like I said I'm a SOFTWARE Engineer.

## Software Engineering

Software means that I work on Computers. And all sorts of things are computers - like laptops, or phones, or calculators or airplanes or cars.

Today I'm going to teach you how to be a Software Engineer just like me!

Do Level 6-10 as a group

<https://studio.code.org/s/coursed-2022/lessons/3/levels/6>

## **Conclusion**

So raise your hand if you wanna be an engineer!