

# Technology and Engineering education for African Future

Castalia Co., Ltd. Satoshi Yamawaki/CEO

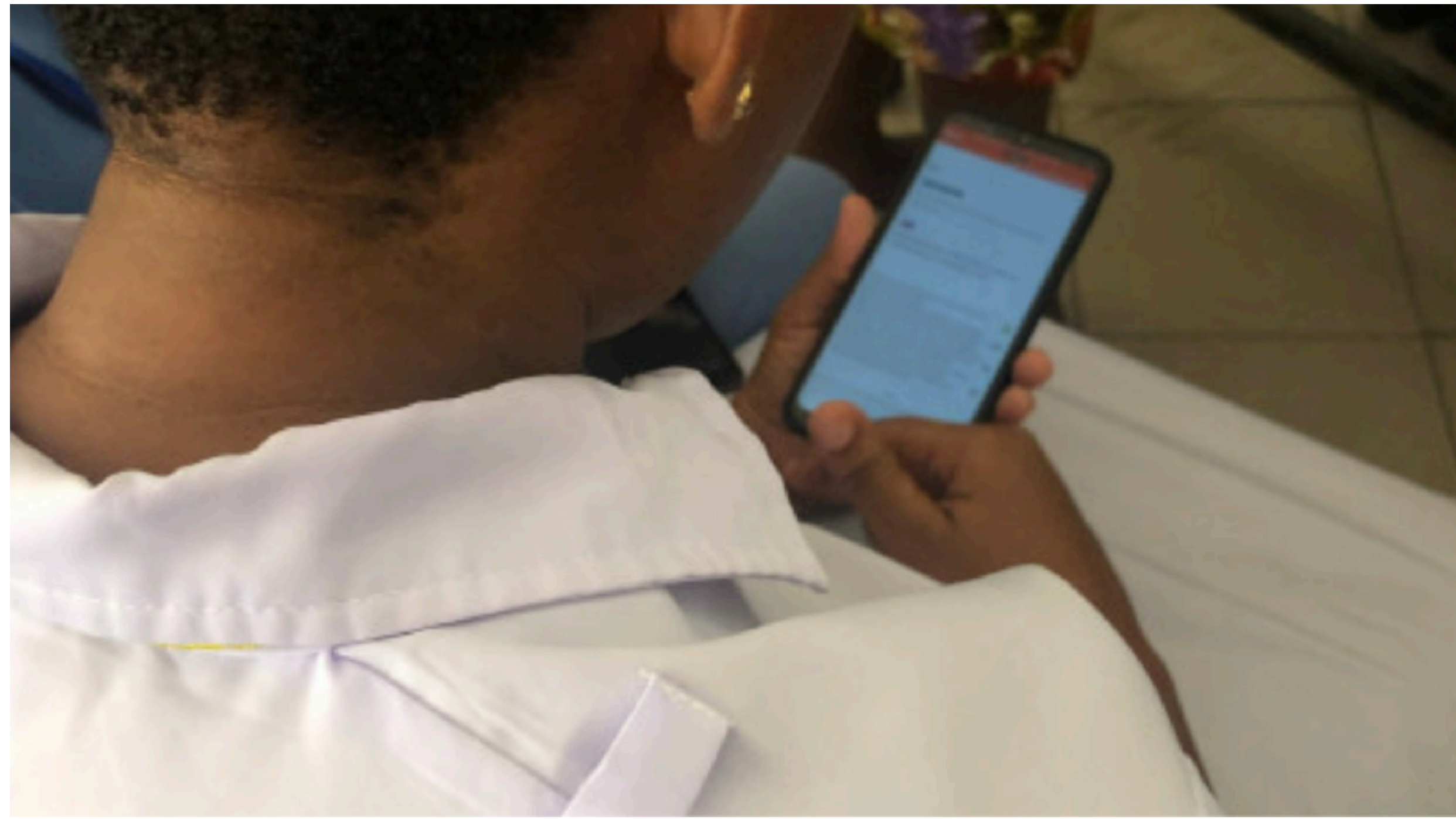




# WHO WE ARE

## Education for CHANGE

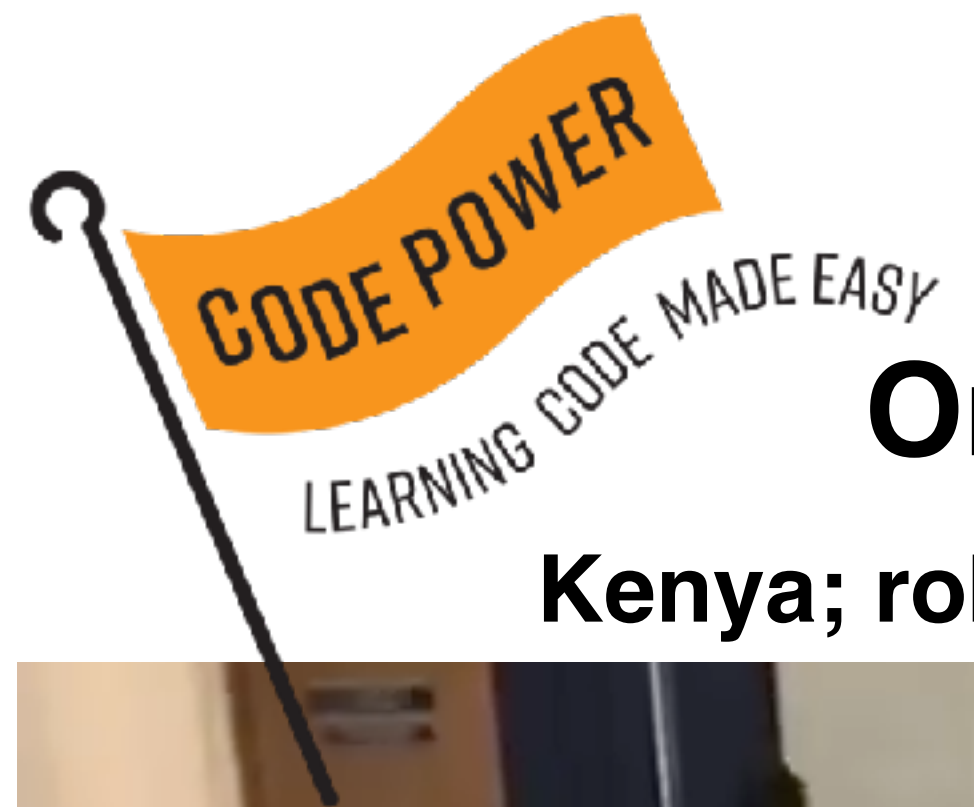
### Mobile Learning



Tanzania; helthcare learning to midwife

**GOOCUS** Mobile Learning Platform

### Code Education



## Online based code learning

Kenya; robot programming bootcamp for kids





軍事提提申  
2020.11.7

7-9/ Digital Butan  
調査, JICA 2020.4~

75-日本人子弟の救済  
(75-11-11-7社)

軍事提提申  
THU (OCA)

新化調査  
(JICA) 2020.3~

10-17-2 MoU  
(#40)

新化調査 ~2020.6  
7-27 (JICA)

9-17-3 京都大学合同調査  
~2021.3

サハ7 = 22-1-25 = 9

サハ75: '新化調査'

サハ7 = 22-1-25 = 9

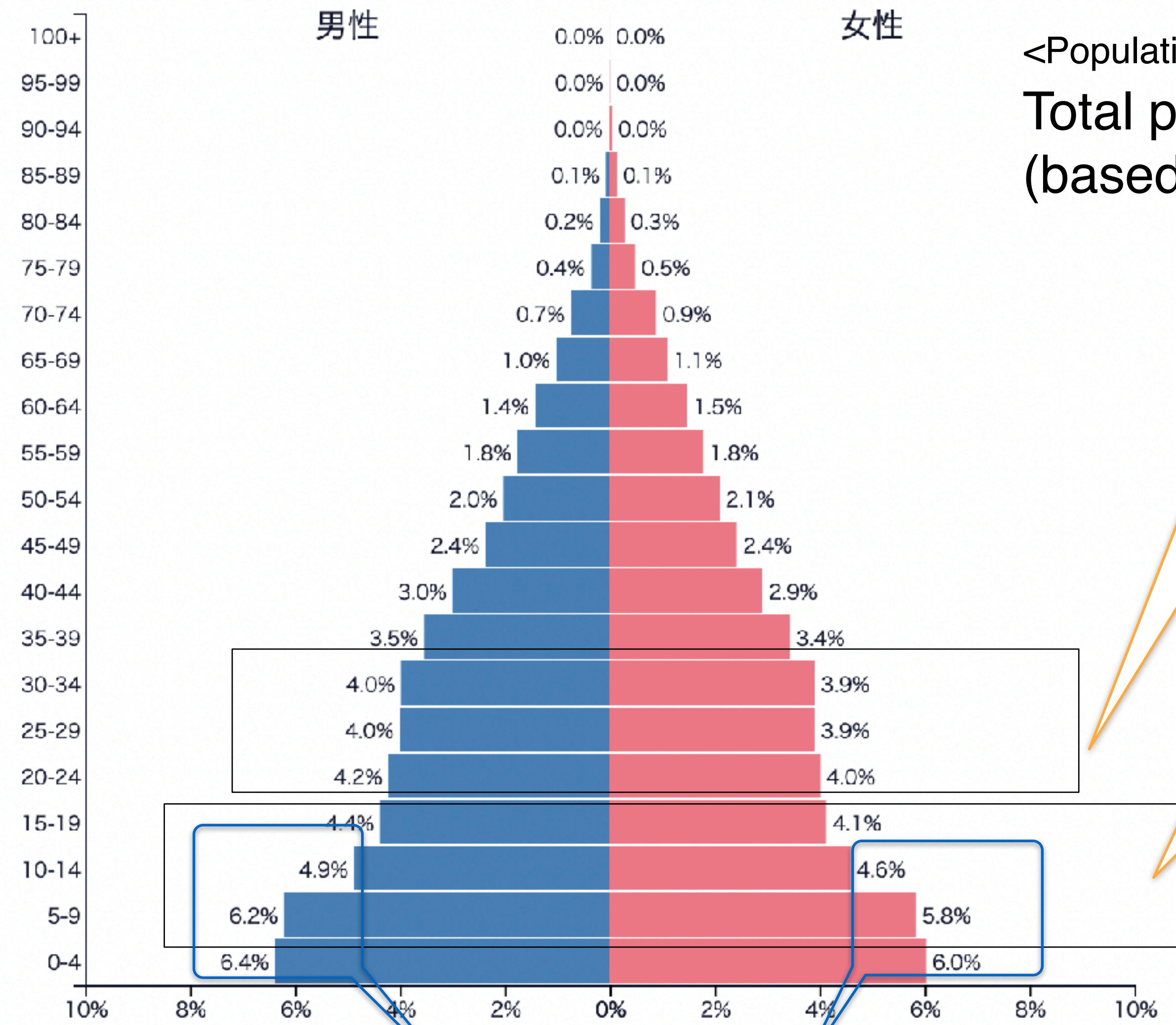
サハ7 = 22-1-25 = 9

南3: 22-1-25 = 9





# Issue: Lack of education, not in time



<Population of Egypt>  
 Total population 102,334,403  
 (based on 2019)

Younger generation of the producer population  
 20-39 years old 31,723,664 persons (30.9%)

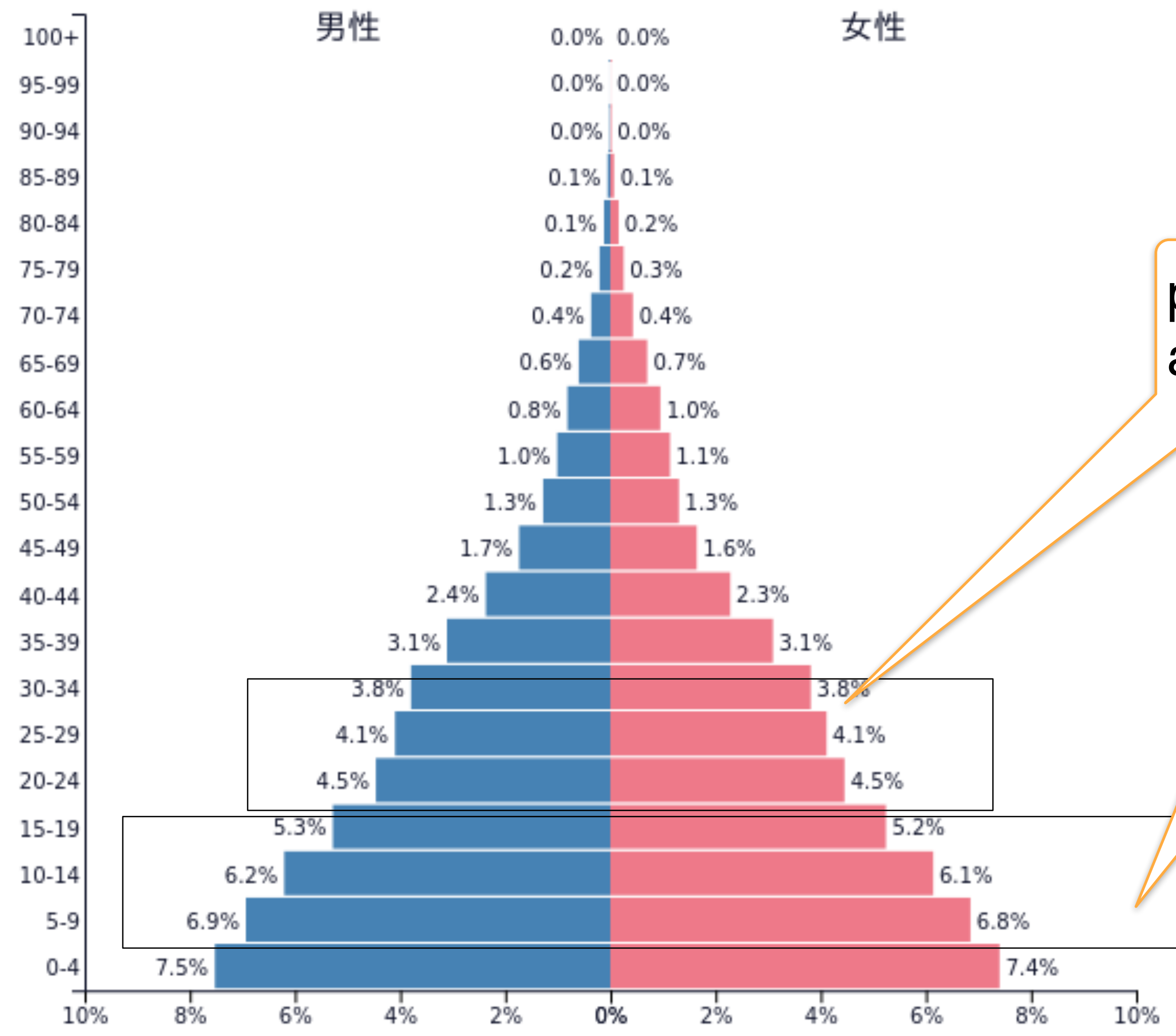
Primary Secondary Needed  
 Generation 0-19 years old  
43,481,887 persons (42.49%)

Young adults (0-39 total)  
 Impact on 76.75 million (approx.  
 75%)

**0-4 year olds are 3% (3 million) more numerous in population than 10-14 year olds**  
**How many schools for a net increase of 3 million? How many classrooms? Seats? Textbooks? Teachers?**



# Issue: employment for younger generations



<Population of Kenya>

population 20-39(main working age)  
about 15,410,000 (31.0%)

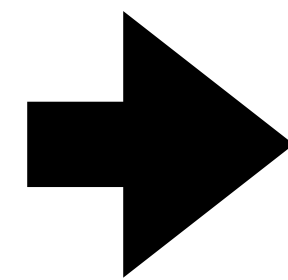
population 5-19 (primary and secondary  
student age) about 18,140,000 (36.5%)

**Coding education can be big impact for  
33,540,000 people  
(67% of total population)**

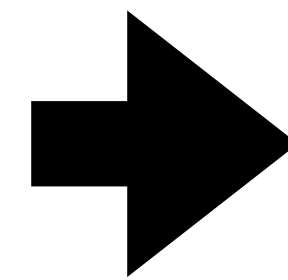
ケニア - 2018  
人口: 49,695,319

# Our Commitment

**Our business  
With scalability &  
Sustainability**



**Short Term  
(1-3years)**  
  
**Low cost/Native people  
operation/Digital device**



**Long Term  
(5~10years)**  
  
**IT industry human  
resource development  
with volume**





**THANK YOU**

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2. COLOR SENSING

Thanks to its sensor, Castalia can detect which color the track is.  
This is how it reads instructions.