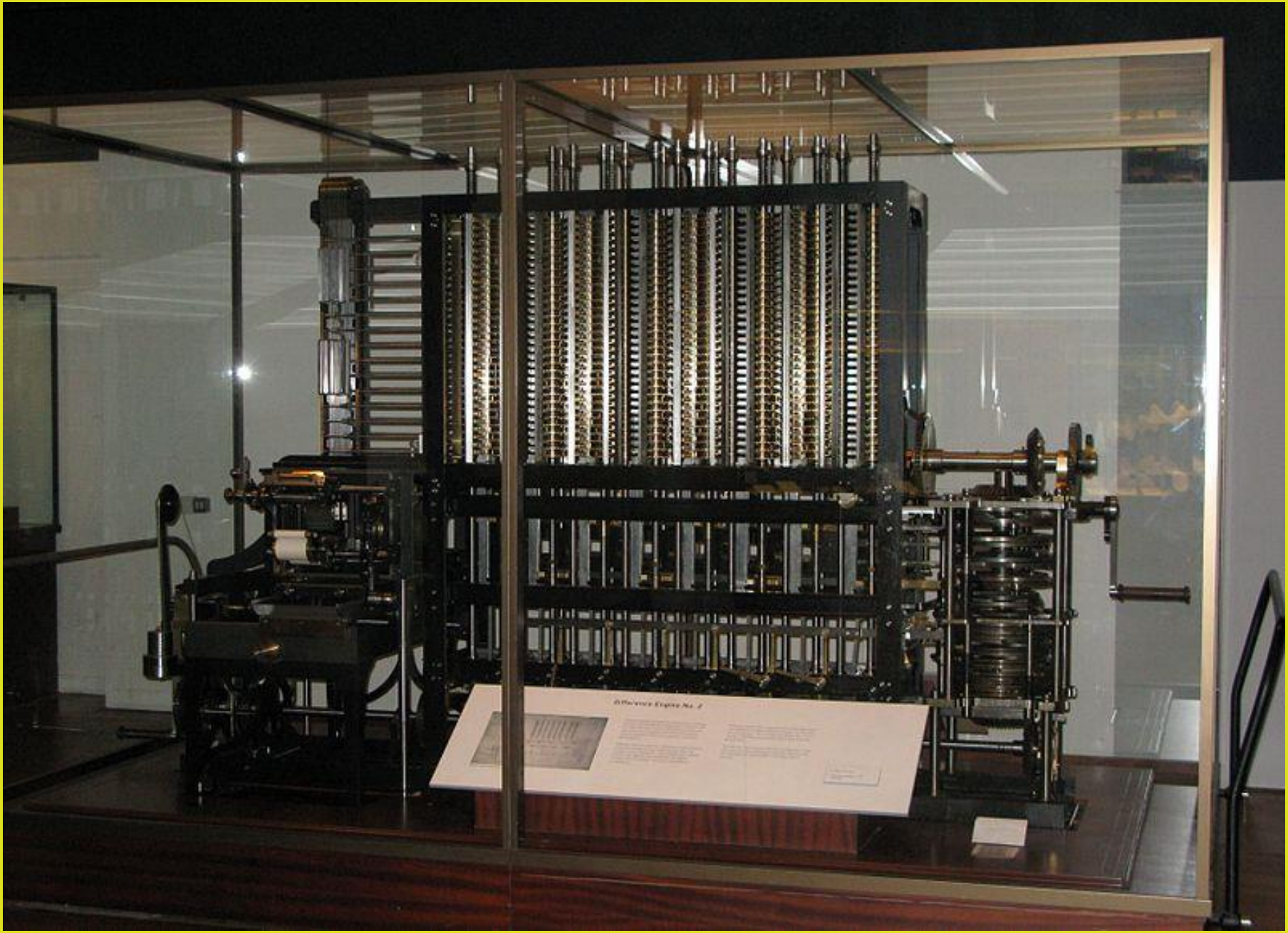
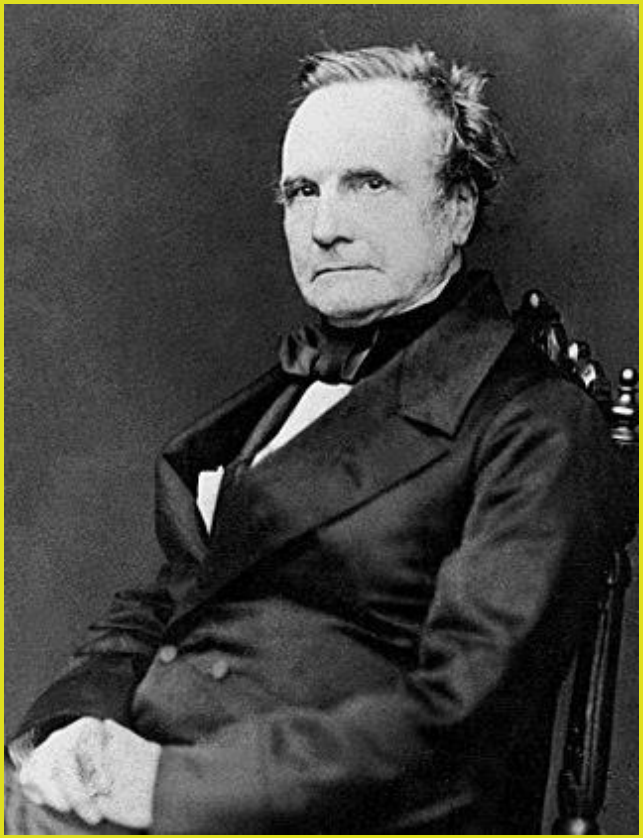
Look at the next slide

What is it?



Difference Engine

Charles Babbage



1820s

The Difference Engine was a very clever calculator and seen by many as one of the first computers.

Look how big it is. Today, a computer smaller than your fingernail could do everything the Difference Engine could do and do it more quickly.

And do many other things as well.

Monday Assemblies
Spring Term 2021

Computing

Monday 22nd February 2021

Note to Parents

During Lockdown I will be holding zoom assemblies for the children in school.

My Monday assembly is our thinking assembly.

I don’t want the children at home to miss out.

So this term I will post my Monday assemblies on Parentmail.

I normally use powerpoints to give the children visual prompts.

I will add a brief script to the powerpoints so that children at home can engage with them too.

You may need to read the slides to your child.

Hopefully you will find the assemblies of interest too and chat with your child(ren) about them.

As I am sending you a powerpoint you can hold your assembly at a time convenient to you.

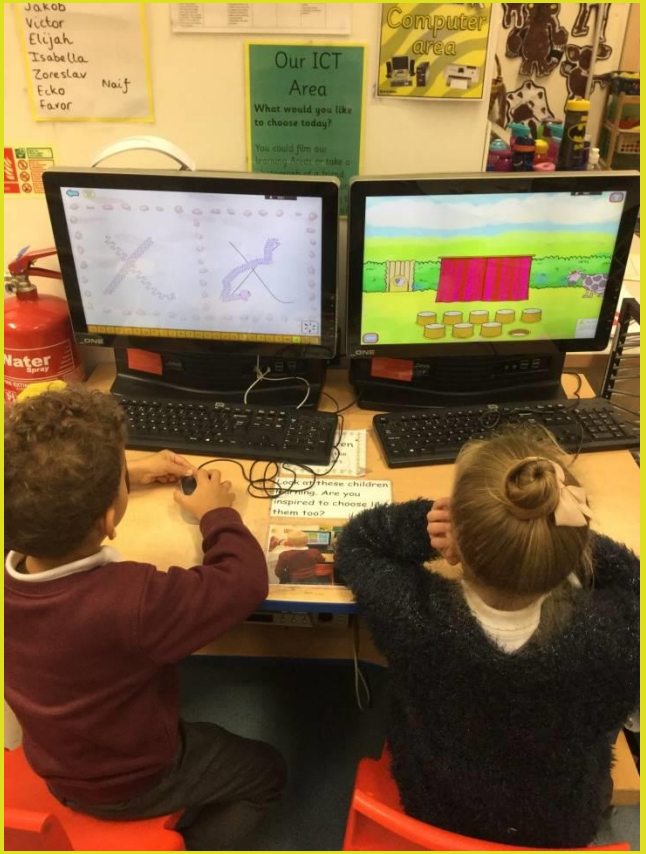
Learning comes on leaps and bounds using computers

The following photos show children using computers.

Look at the photos carefully. Remember when you were using these programmes.

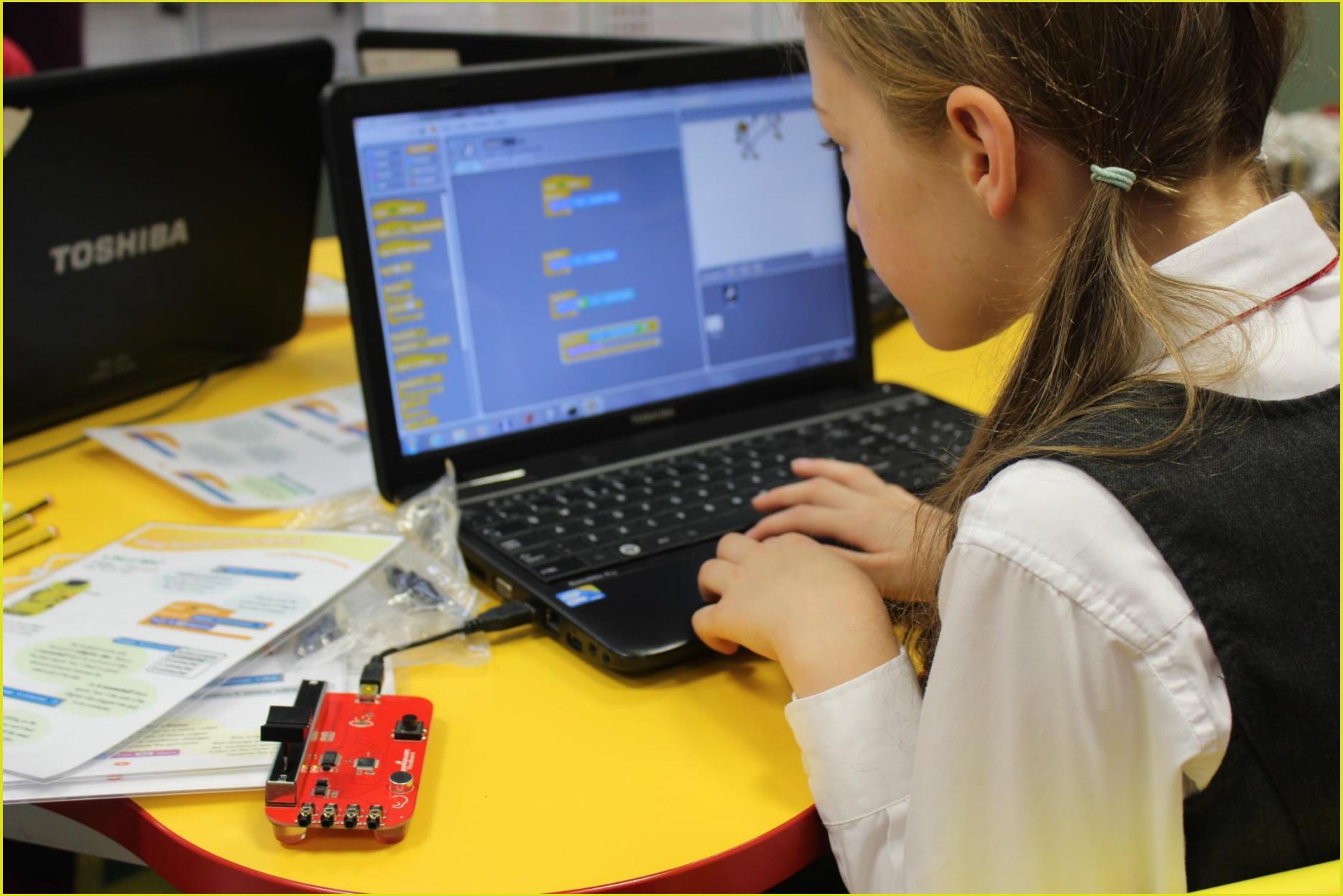
What skills are the children using?

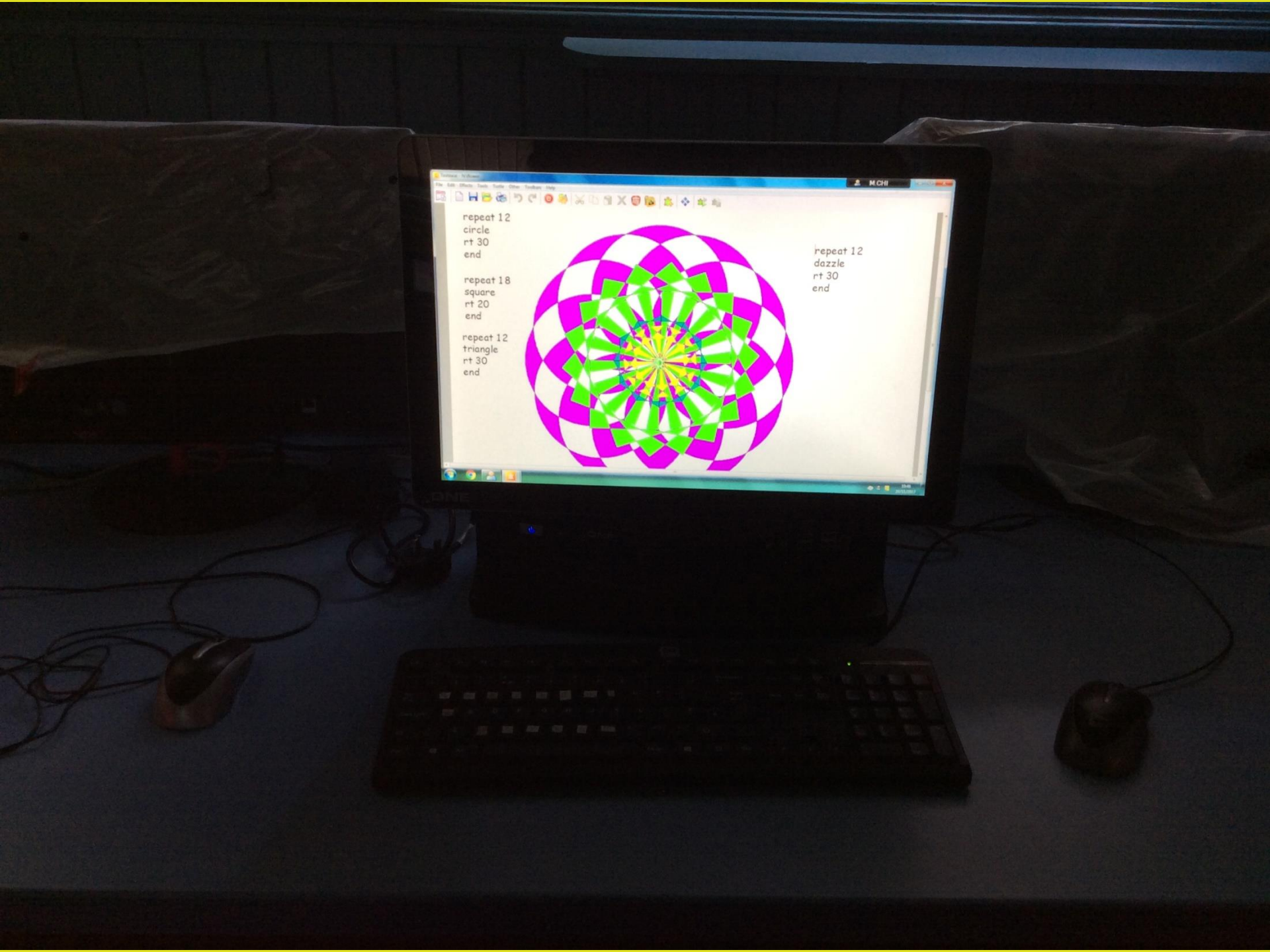
Make a list.



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
J0 (L)
relaxed 01
relaxed 07-B *
X 4 (R)
dream 02 (L)
bees 07-B * (R)
snare roll 2
shine on me 03-B *
DanceJay for Scados
140 bpm
eJay
START.MIX
straight 01 (L)
straight 01 (R)
straight 02 (L)
straight 02 (R)
straight 03 (L)
straight 03 (R)
straight 04 (L)
straight 04 (R)
straight 05 (L)
straight 05 (R)
zyz 01
zyz 02
zyz 03
zyz 04
zyz 05
zyz 06
zyz 07
zyz 08
zyz 09
zyz 1
J1 (L)
J1 (R)
J2 (L)
J2 (R)
J3 (L)
J3 (R)
J4 (L)
J4 (R)
J5 (L)
J5 (R)
J6 (L)
J6 (R)
J7 (L)
J7 (R)
J8 (L)
J8 (R)
J9 (L)
J9 (R)
J0 (L)
J0 (R)
today 01 (L)
today 01 (R)
today 02 (L)
LOOP
DRUM
BASS
GUITAR
KEYS
GROOVE
MALE
FEMALE
EFFECT
XTRA
LAYER
WAVE
VOLUME
PITCH

UNDER
THE GROUND
TOSHIBA


TOSHIBA


repeat 12
circle
rt 30
end
repeat 18
square
rt 20
end
repeat 12
triangle
rt 30
end
repeat 12
dazzle
rt 30
end

Something remarkable happened

As you are taught more skills, you develop the skills to program and design.

Over the past three years, Mrs. Walker has given some of our Year 6s the opportunity to test their computing skills in competition.

And were they good!

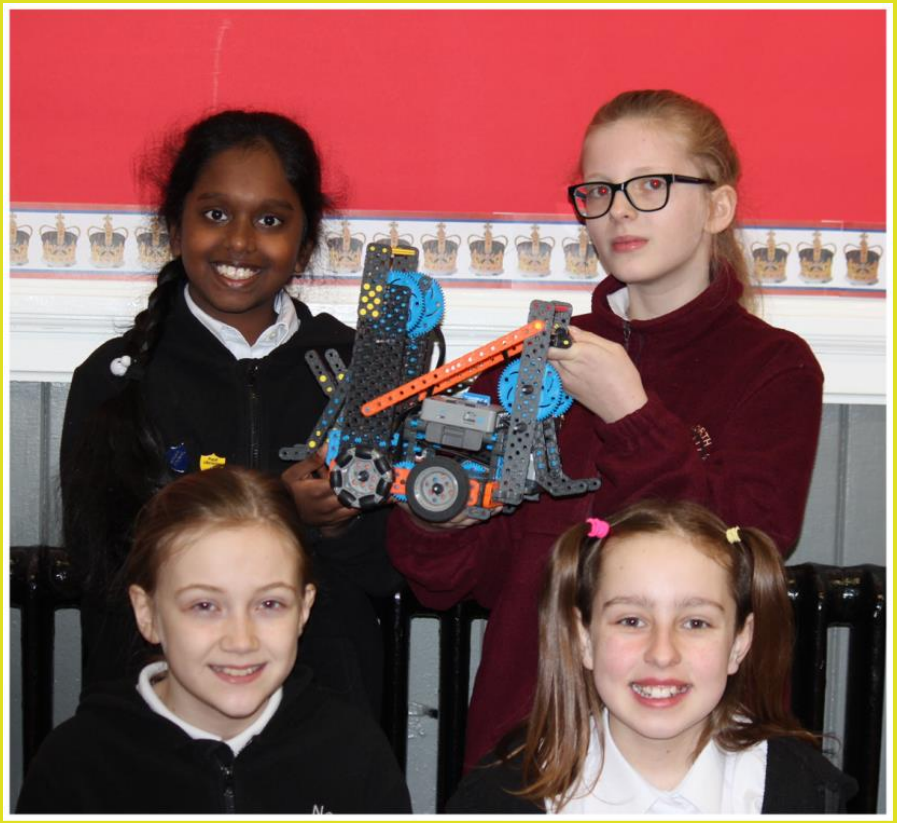
They won awards in local, national and international competitions.

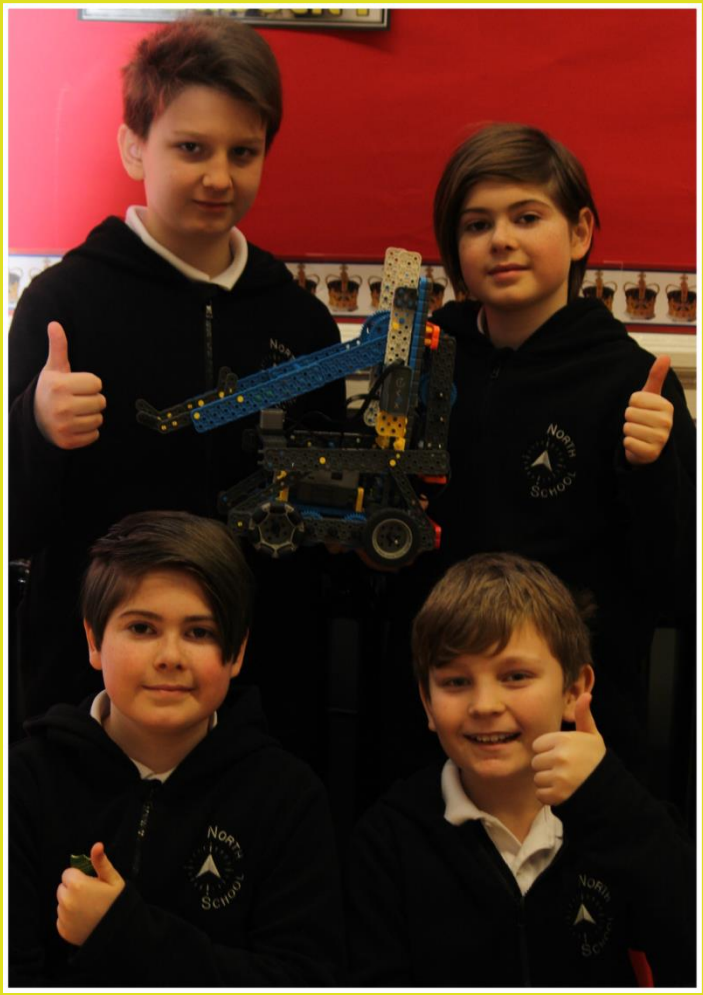
They have gone on to excel in computing in their secondary schools.

The following photos celebrate their success.

[Parents, I have attached another ppt which tells the photo-story in detail of our 2020 award winning teams.]

Before



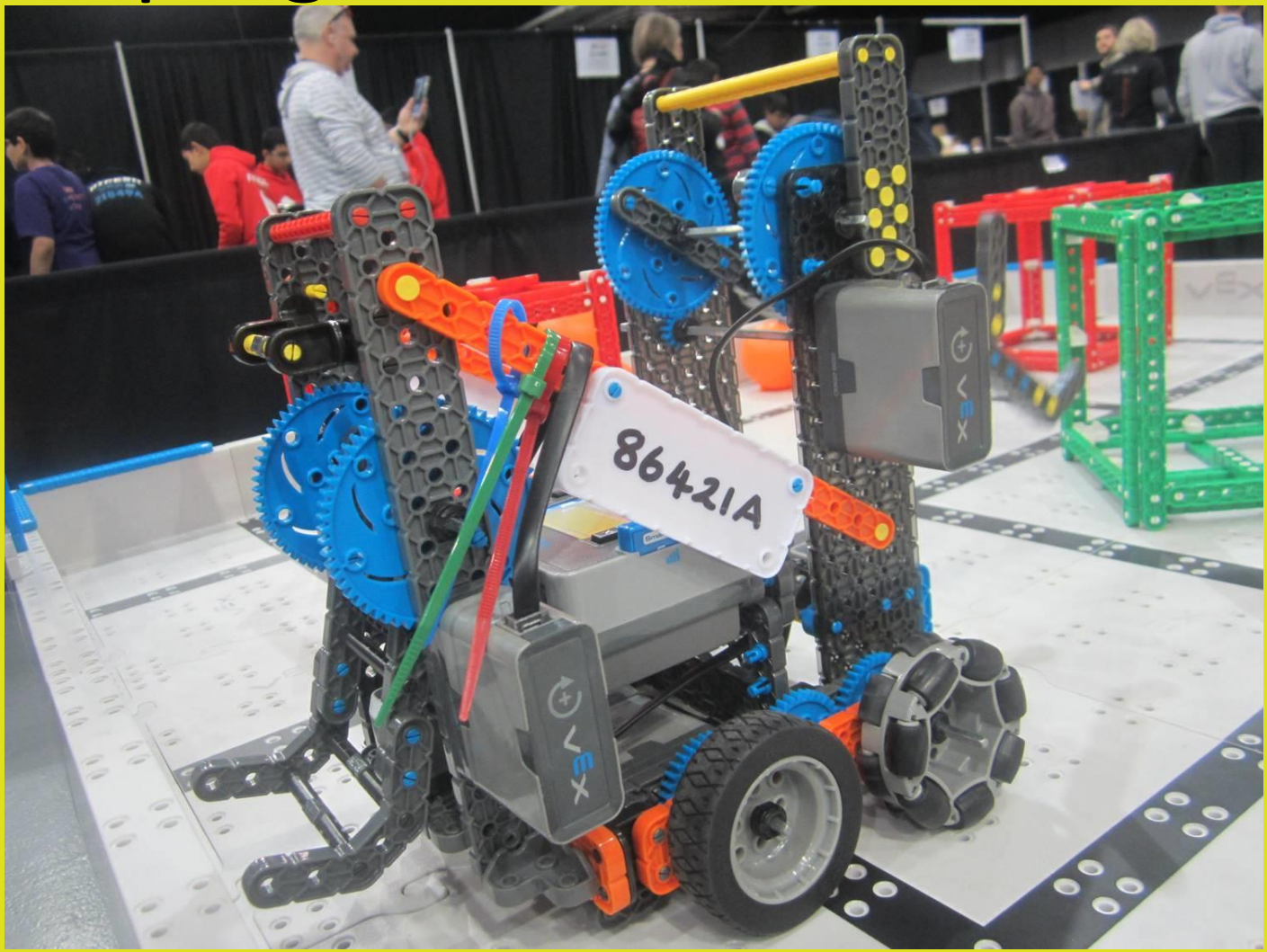


After

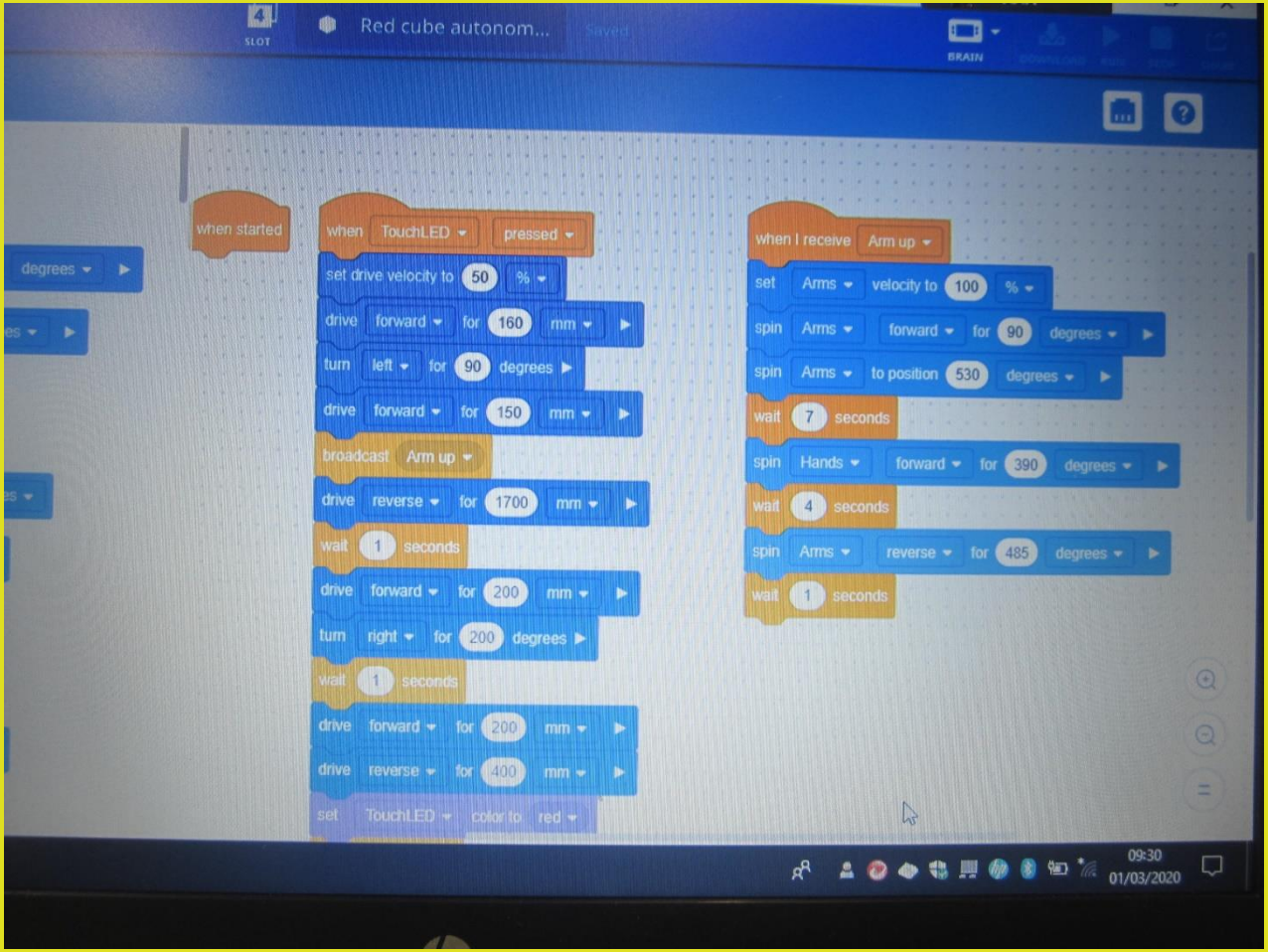
Look carefully- what awards did they win?

2019 Team making friends in Kentucky, USA at the world finals

Could you design, build and programme this robot?



Computer Programming



The drama and excitement of competition is incredible

It begins in Foundation

Controlling the Bee Bot…

Can lead to this.

So, what are you waiting for?

Explore all the possibilities of computers

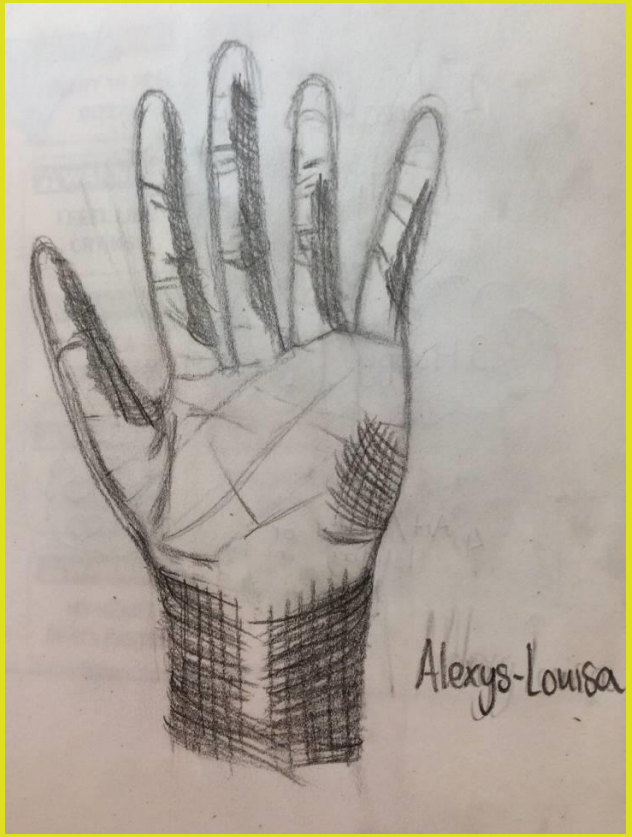
Take control

Get coding

Get programming

Thank you for listening to my assembly.

Goodbye



Work Hard.

Play nicely.

Be kind one to another.

Have a good week.