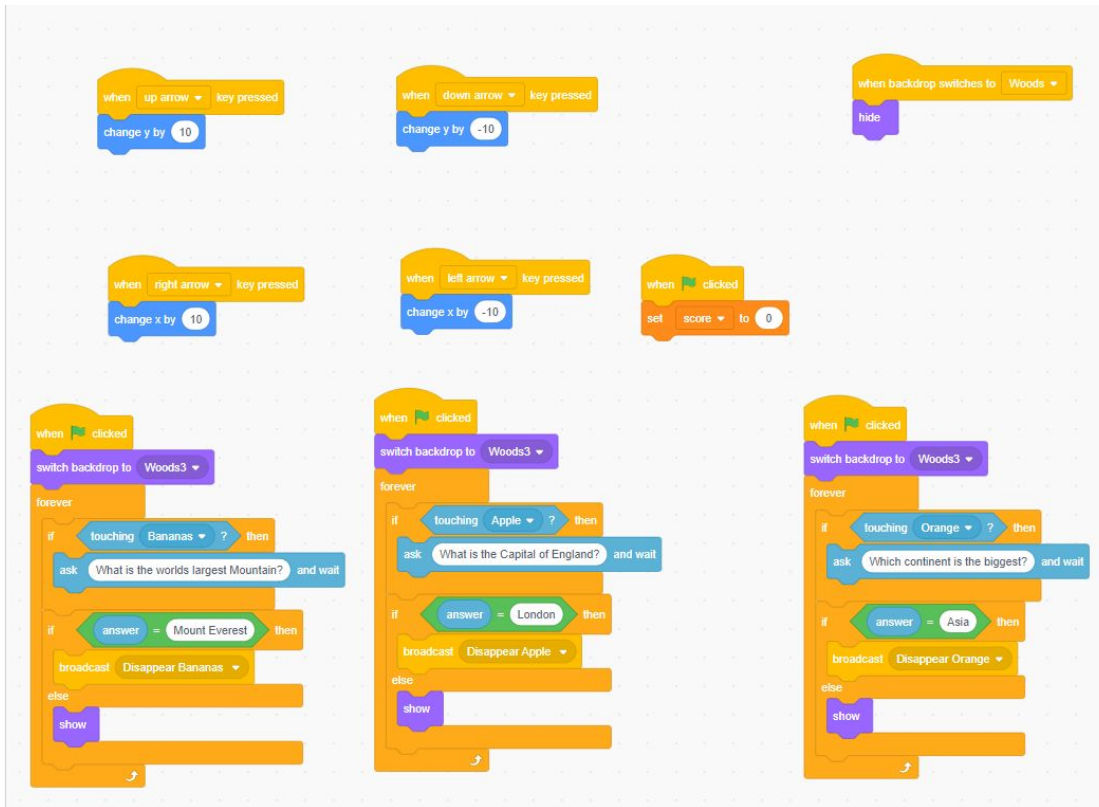


# Progression in Computing

[www.thehessleacademy.co.uk](http://www.thehessleacademy.co.uk)



# Year 7



I can use variables, sequences and iteration to create games using block based programming

# Year 8



I can  
understand  
binary and  
denary  
conversions

Answer: \_\_\_\_\_

128	64	32	16	8	4	2	1
1	0	0	0	0	0	0	1

Answer: \_\_\_\_\_

Task 3

1 - Answer = 74 ✓

128	64	32	16	8	4	2	1
0	0	0	1	1	0	0	0

2 - Answer = 5 ✓

128	64	32	16	8	4	2	1
0	0	0	0	0	1	0	1

3 - Answer = 22 ✓

128	64	32	16	8	4	2	1
0	0	0	1	0	1	1	0

4 - Answer = 107 ✓

128	64	32	16	8	4	2	1
0	1	1	0	1	0	1	1

5 - Answer = 125 × 120

128	64	32	16	8	4	2	1
0	1	1	1	1	0	0	0

6 - Answer = 164 ✓

128	64	32	16	8	4	2	1
1	0	1	0	0	1	0	0

7 - Answer = 165 ✓

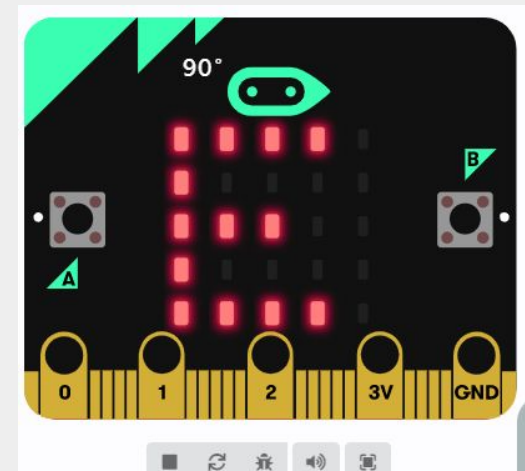
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# Year 9



```
forever
  set bearing ▼ to compass heading (°)
  if << bearing ▼ < ▼ 45 >> or << bearing ▼ > ▼ 315 >> then
    show string "N"
  else if << bearing ▼ < ▼ 135 >> then
    show string "E"
  else if << bearing ▼ < ▼ 225 >> then
    show string "S"
  else if << bearing ▼ < ▼ 315 >> then
    show string "W"
  else
    show string ""
```

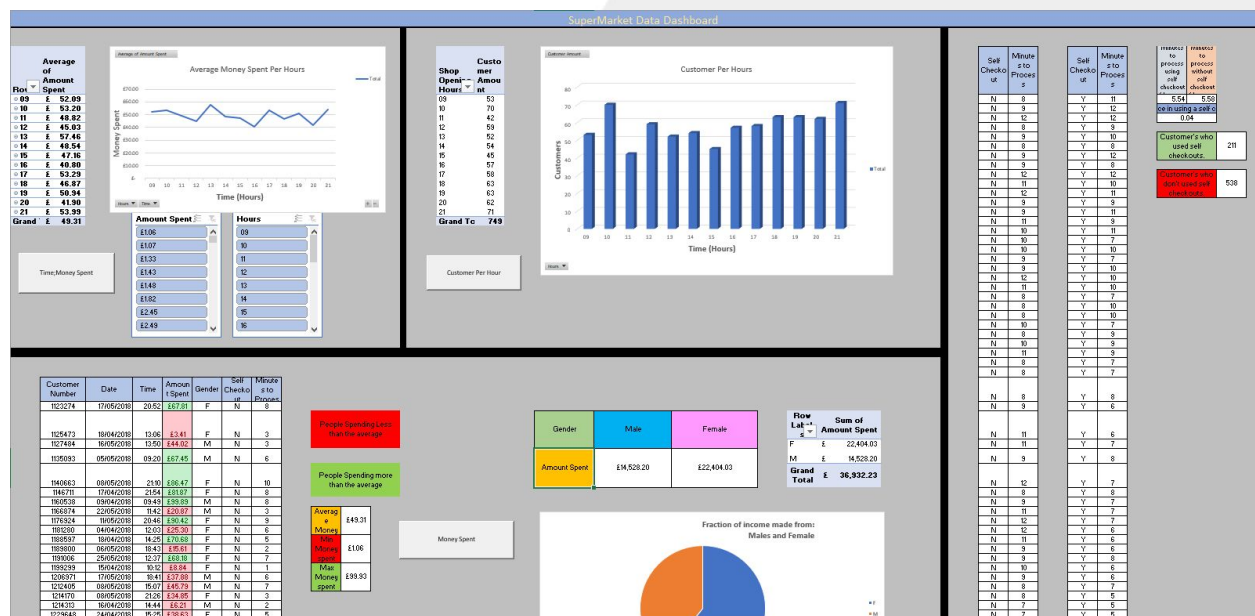
I can use physical programming to using Micro-bits



# Year 10



I can use tools to manipulate data and draw conclusions using a spreadsheet





# Year 11



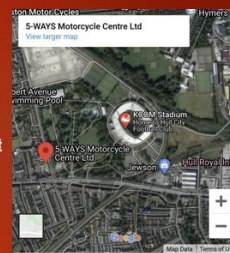
## Home page

[home](#)[facilities](#)[Tickets & merchandise](#)[Refreshments](#)[history](#)

Welcome to the KCOM Stadium, the home of Hull City & Hull FC. Not only is the KCOM Stadium the home of Hull City Football Club and Hull FC Rugby League Club, but it is also the perfect venue for Conference, Meetings, Banqueting, Christmas, Weddings & Celebrations.

We are so privileged here to have such great space to use for many events. With the culture year coming up we are equally excited to have hosted already a vast array of unique events. From darts to squash, concerts to boxing; even Polo on the pitch, we like to think that our stadium is part of the community ready to welcome more exciting events to experience in the upcoming years. So however big or small your event is experienced here at our stadium.

Standing outside the main West Stand reception at the KCOM Stadium is an installation recognising all of those who made a significant contribution in getting the stadium project off the ground at the turn of the century.



Location The Circle, Walton Street, Anlaby Road, Hull, East Riding of Yorkshire, England, HU3 6HU

