Computer Science A Level

WORCESTER
SIXTH FORM COLLEGE

HELLO!

I am Laura Nevin

Head of the Computing and IT department at
Worcester Sixth Form College

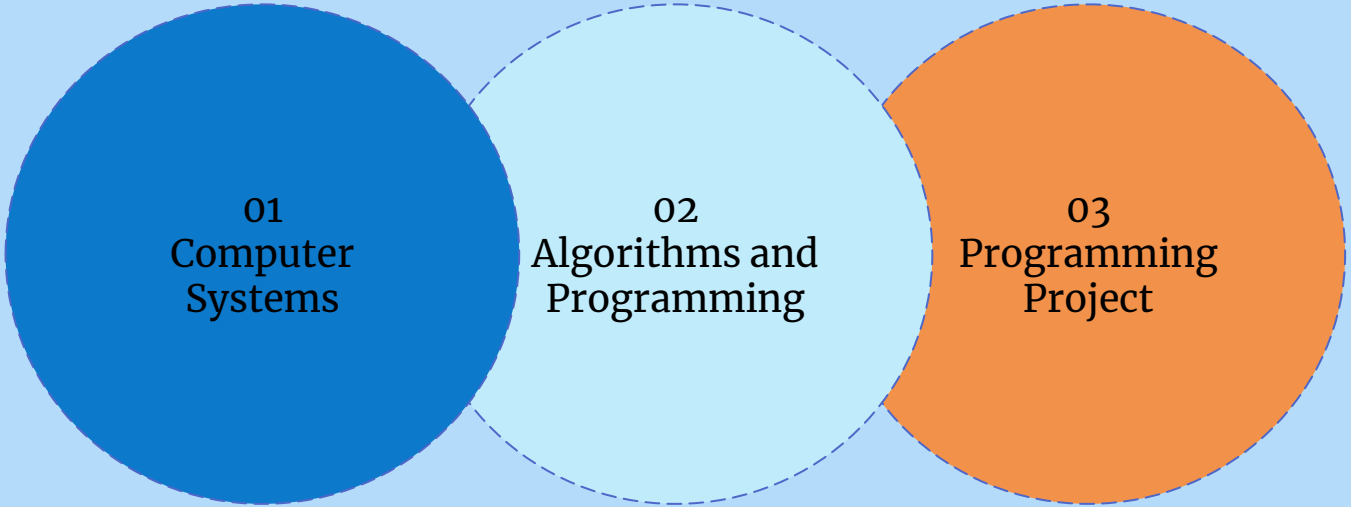
You can contact me at:
l.nevin@wsfc.ac.uk

What Is A Level Computer Science?

"...a practical subject where students can apply the academic principles learned in the classroom to real-world systems"

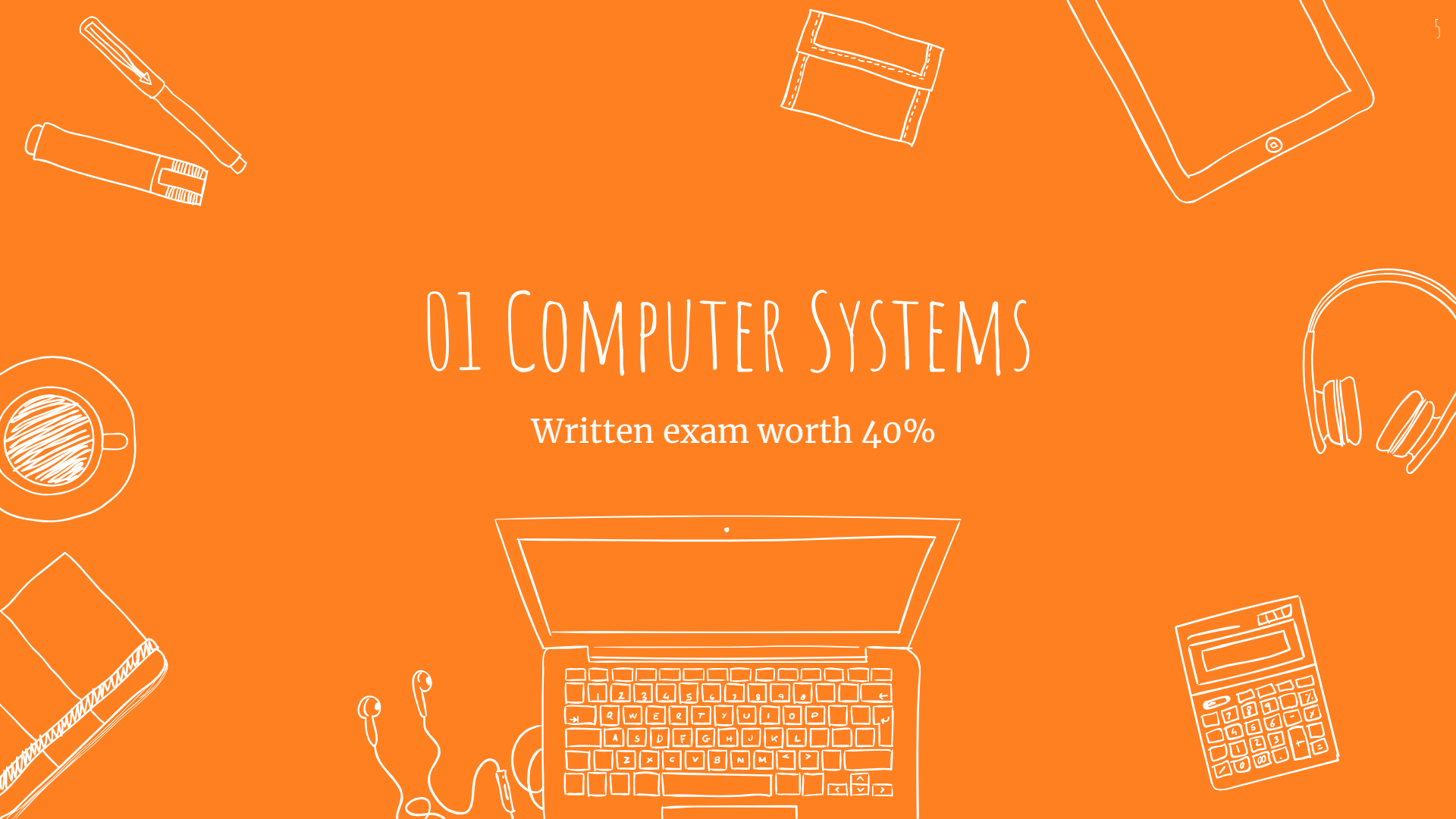
OCR
RECOGNISING ACHIEVEMENT

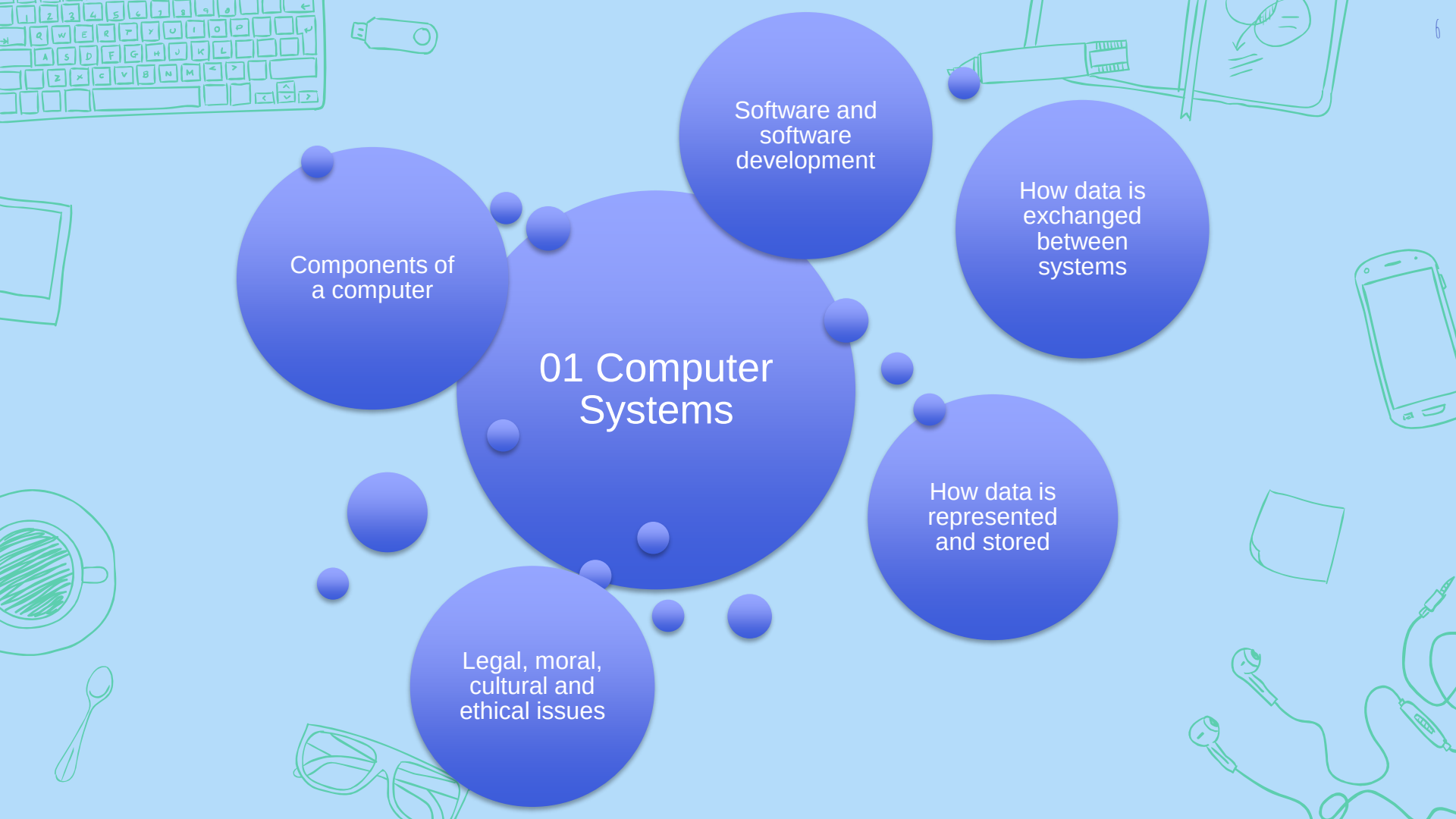
Structure of the Course



01 Computer Systems

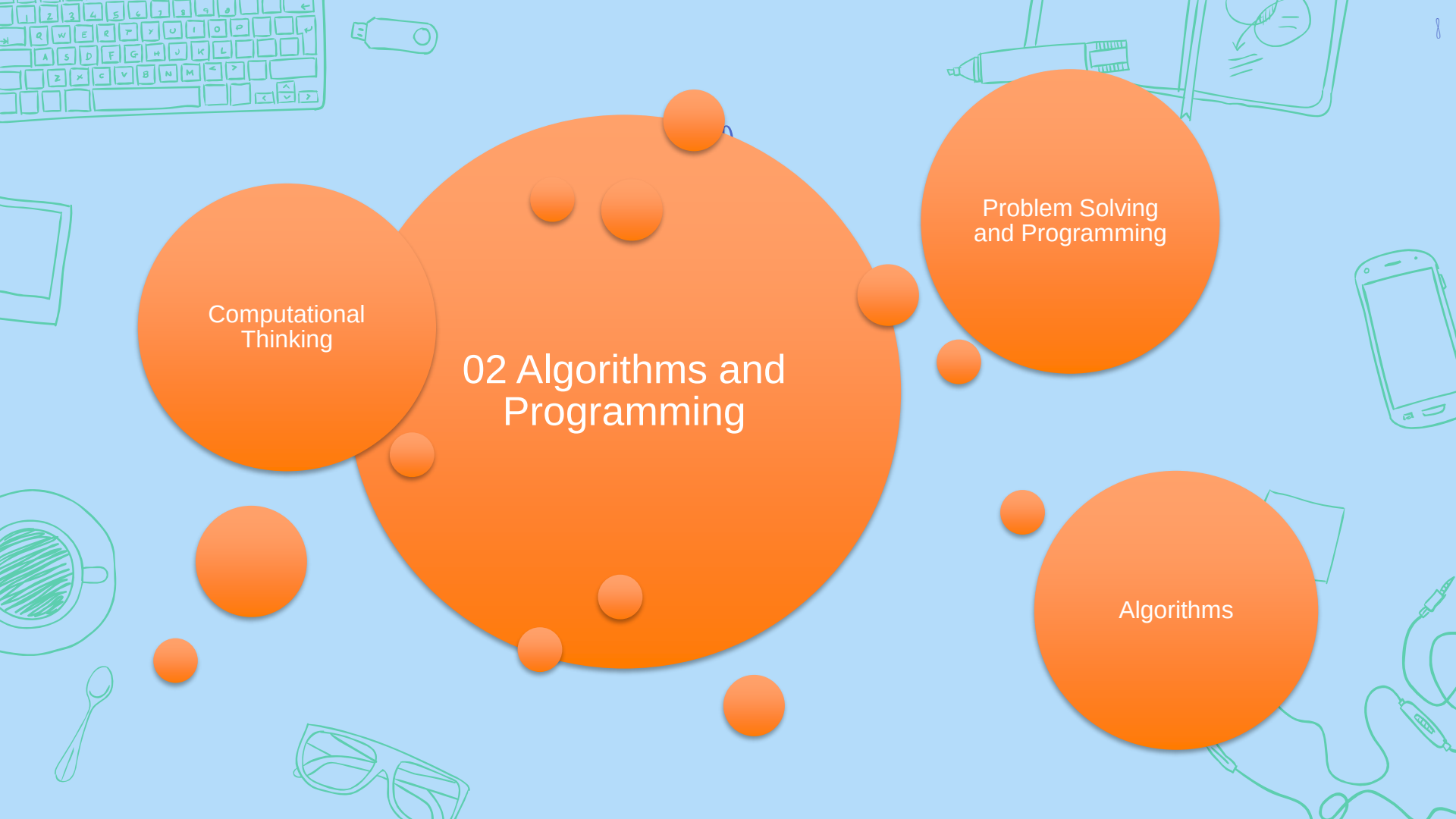
Written exam worth 40%




01 Computer Systems
Components of a computer
Software and software development
How data is exchanged between systems
How data is represented and stored
Legal, moral, cultural and ethical issues

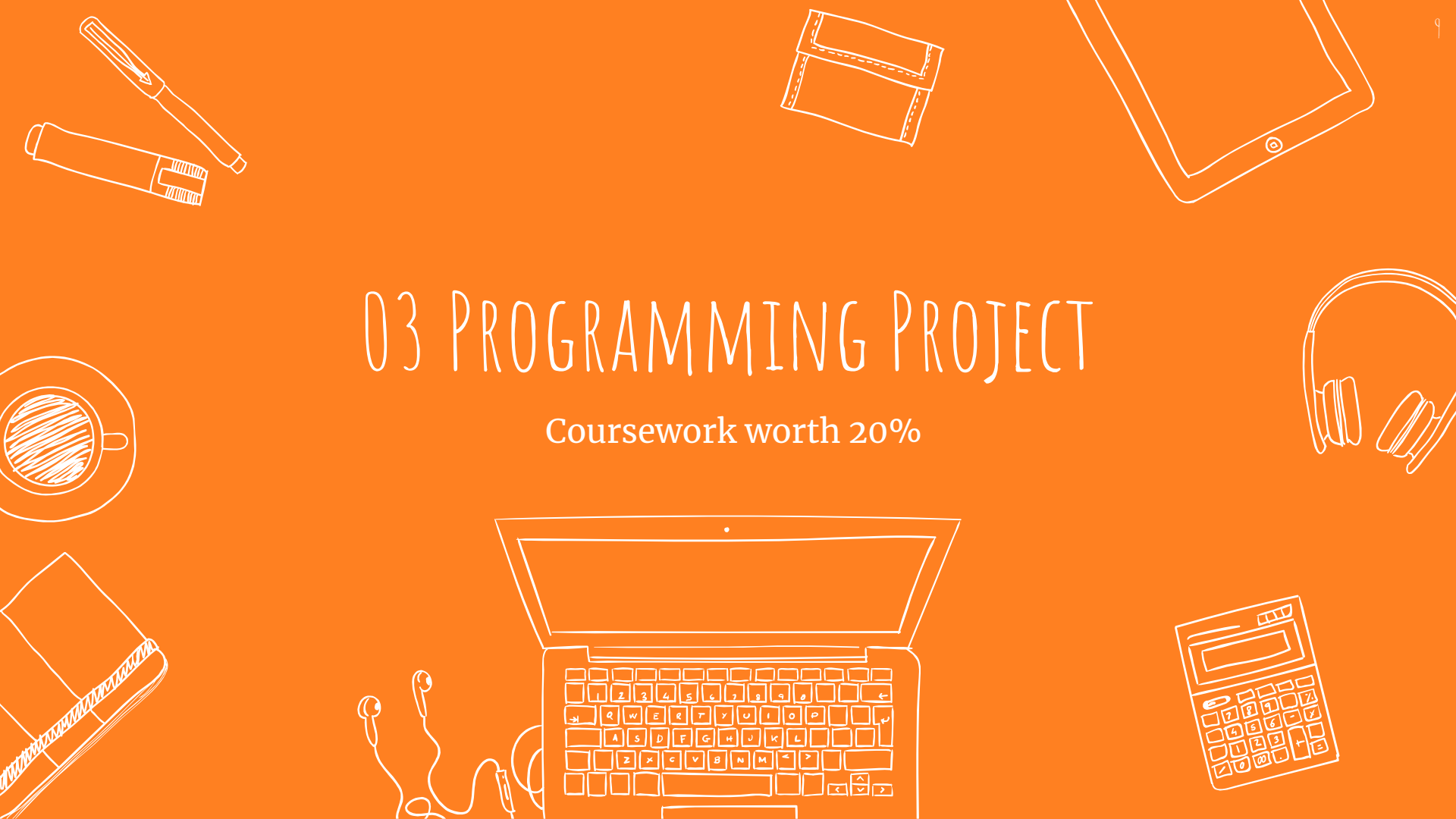
02 Algorithms and Programming

Written exam worth 40%


Computational Thinking
02 Algorithms and Programming
Problem Solving and Programming
Algorithms

03 Programming Project

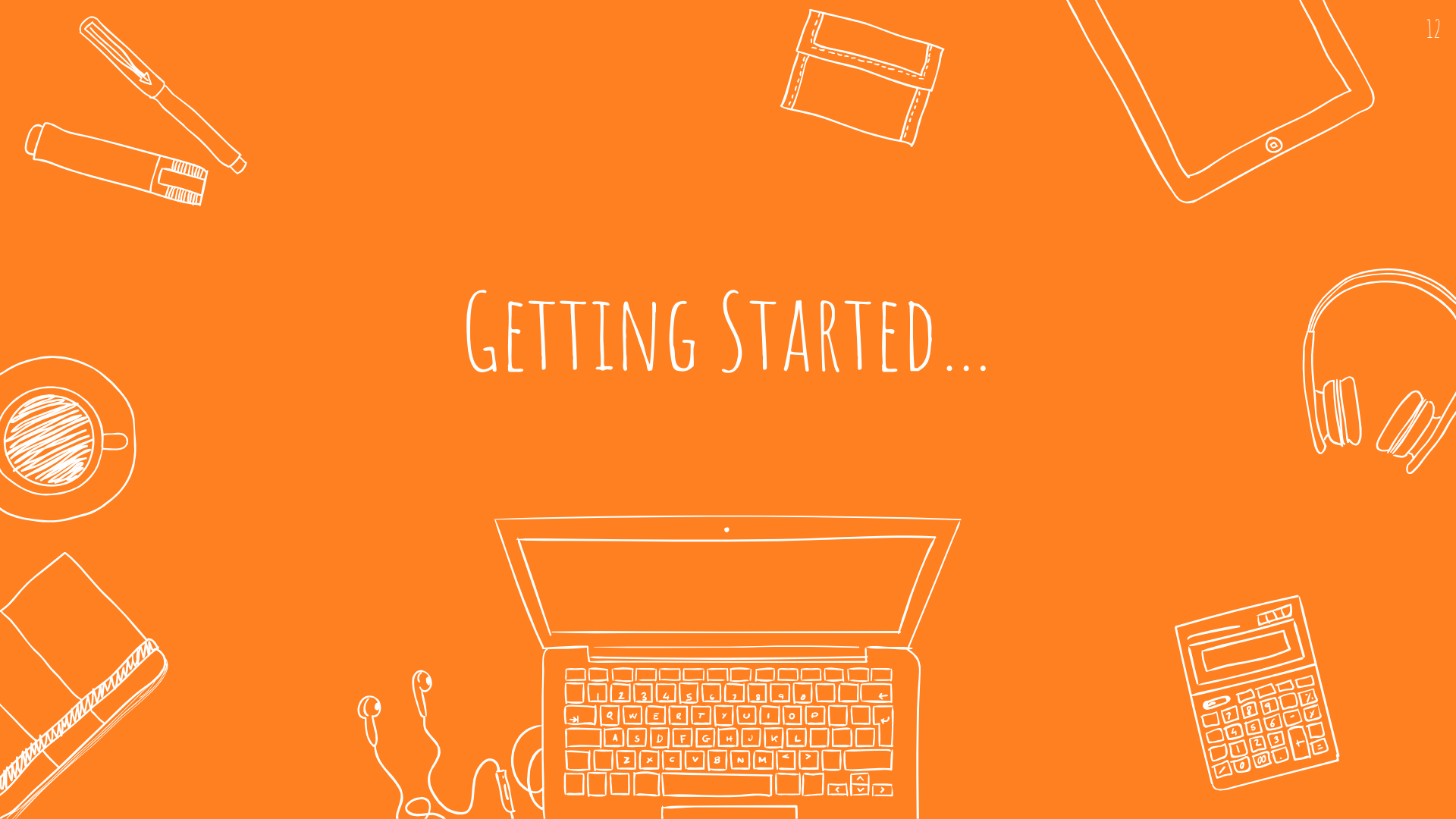
Coursework worth 20%



Your Turn
Select a card to discard
Time(MS): 2499

Pro gramming

Getting Started...



Be Prepared!

Don’t forget to complete the bridging tasks!

These can be found on the college website under the heading ‘Preparing for Sixth Form Study’

Converting Number Bases

Denary	Hexadecimal	Binary
0	0	0000
1	1	0001
2	2	0010
3	3	0011
4	4	0100
5	5	0101
6	6	0110
7	7	0111

Denary	Hexadecimal	Binary
8	8	1000
9	9	1001
10	A	1010
11	B	1011
12	C	1100
13	D	1101
14	E	1110
15	F	1111

FLIPPY BIT
And The Attack
Of The
Hexadecimals
From Base 16
MacBook Air

Thanks!

Any questions?

Post a message in the Team chat
or email:
l.nevin@wsfc.ac.uk