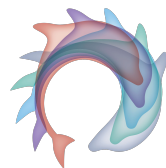


VARNDEAN
SCHOOL

**OCR -GCSE (9-1) Computer
Science
J277**

Mrs.Prasanna

OCR GCSE Computer Science Revision Checklist



OCR Component 01

Computing Systems

80 marks – 1 hour and 30 minutes, Written paper
(no calculators allowed)

OCR Component 02

Computational Thinking, Algorithms & Programming
80 marks – 1 hour and 30 minutes, Written paper
(no calculators allowed)

1.1 – Systems Architecture

2.1 – Algorithms

1.2 – Memory

2.2 – Programming Techniques

1.3 – Storage

2.3 – Producing Robust Programs

1.4 – Wired & Wireless Networks

2.4 – Computational Logic

1.5 – Network Topologies, Protocols & Layers

2.5 – Translators & Facilities of Languages

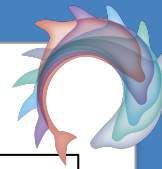
1.6 – Systems security

2.6 – Data Representation

1.7 – Systems Software

1.8 – Ethical, Legal, Cultural & Environmental
Concerns

Final Exam Dates & MOCK

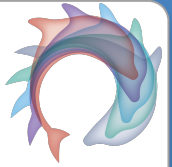


PPE2 Mock Exam- (4th January 2022)

Computing Exams: Paper 1 -80 marks Paper 2-80 marks

Units	Marks	Final Exam
Paper 1-Theory -Final Exam	80 marks - 50% 1 hour 30 mins	16th May 2022 (Afternoon)
Paper 2- Theory-Final Exam	80 marks - 50% 1 hour 30 mins	27th May 2022 (Afternoon)
Python Programming	NEA Task-students will be doing this task(PREP)	Students will get tested in Paper-2

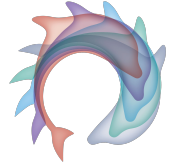
PREP & Resources



Other Revision materials shared in [Google classroom/Computing WEBSITE/Student's home screen](#)

1. Knowledge Organiser
2. Keyword Glossary
3. Christmas Revision (15 days Timetable/Questions)
4. Six a day Questions & Answers(class practice)
5. Algorithm a day.
6. Easter/Final-30 day Revision Timetable Questions.
7. Six/Eight marks questions
8. 120 target sheet

How will students **make the grade?** -Tips



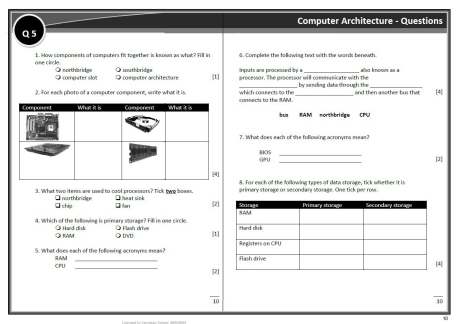
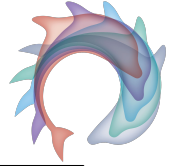
Intervention - Monday/Wednesday

Class Assessment: Topic wise assessment/8 marks

**Answer = Class Notes + Sample papers
+ Past Paper+Keyword Glossary
+Knowledge Organiser**

- All theory topics will be covered and will be revisited
- The content is very technical in places and will require hard work to absorb it all
- Read all class notes
- Complete all sample papers
- Ask them to do at least one past paper at home under exam conditions before the exam.
- Mark the paper with them (focus on their writing)

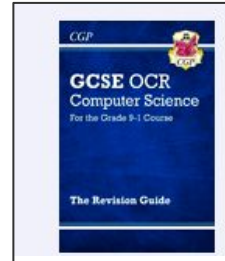
Useful resources



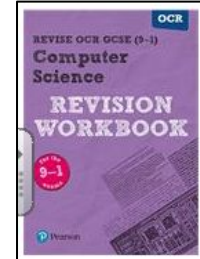
Worksheets/notes provided by Mrs. Prasanna



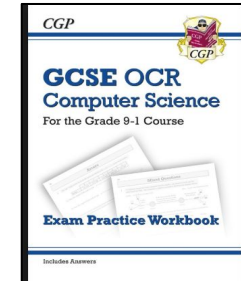
Resources shared - Google Classroom/Google sites



CGP-Revision Guide



Pearson-Revision workbook



gsepod
Education on Demand

Python Programming: Useful websites:

1. <https://www.codecademy.com/>
2. <https://www.programiz.com/pyth-on-programming>.

Theory:

1. GCSE pod-School /Seneca learning
2. Graig&Dave-Youtube videos for the topic <https://www.youtube.com/watch>.
3. BBC bitesize website .