

GCSE Revision Resources Computer Science

OCR GCSE Topic List | CSNewbs

<https://www.csnewbs.com/ocr-gcse>

Python | CSNewbs

<https://www.csnewbs.com/python>

Learning Python Online video course

<https://youtu.be/zzjNg-jNfIY?si=2fsIIbKwIKINBd8X>

Kens GCSE Python workbook – used in class

[Kens-Python-Book-2nd-Edition-Final-Draft.pdf](#)

A great revision resource for watching to review key points of all topics in Paper 1 and Paper2

j277 Paper 1 in 30 mins

<https://youtu.be/mvK29GMA5Dw?si=v6NAs7GX7Id6zISf>

j277 Paper 2 in 30 mins

<https://youtu.be/KhUpmxnF8o?si=KwMAJeSlzInxgAM6>

GCSE Computer Science Tutor- Playlists for paper 1 and paper 2 topics

<https://www.youtube.com/@GCSEComputerScienceTutor/playlists>

All of OCR GCSE Computer Science J277 Paper 1 in under 60 mins + Exam Questions

<https://youtu.be/FC6O8PunYUw?si=G807aNxrBOKDVUis>

All of OCR GCSE Computer Science J277 Paper 2 in under 60 mins + Exam Questions

<https://youtu.be/IBr6GU4244I?si=atou33V9h87FwcUD>

Paper 1 topics

Paper 1 topics playlist – 42 videos

https://www.youtube.com/playlist?list=PL04uZ7242_M5KDdD9XnuWb2MNYsM57HpU

Paper 2 topics

Paper 2 topics playlist – 17 videos

https://www.youtube.com/playlist?list=PL04uZ7242_M7ZaSg6cCku-8W-IoLIQs6R

Paper 1 and paper 2 overview

paper1 overview (6 mins)

<https://www.youtube.com/watch?v=sKIRllg1Db4&feature=youtu.be>

paper 2 overview (8 mins)

<https://www.youtube.com/watch?v=ubWlkkNEqBU>

Exam Technique

General Revision Technique for Computer Science

https://youtu.be/ky0Rc2V1rR8?si=E2Xbiu_YuDO6a1tH&t=983

Exam Technique – long mark questions

<https://www.bbc.co.uk/bitesize/guides/zmm7xfr/revision/1>

<https://youtu.be/--w5W2BYjUI?si=ErYuJFmO0gjlhd3>

Exam Technique playlist – 4 videos

<https://www.youtube.com/playlist?list=PLCiOXwirraUBkaFcyChfn0DGPPD6n7nvq>

Possible Revision Resources

Playlists for paper 1 and paper 2 topics

<https://www.youtube.com/@GCSEComputerScienceTutor/playlists>

GCSE Computer Science- OCR- BBC Bitesize

<https://www.bbc.co.uk/bitesize/examspecs/zmtchbk>

GCSE OCR J277 Computer Science Videos – Craig 'n' Dave – very detailed on all topics

<https://student.craigndave.org/j277>

GCSE topics — Isaac Computer Science

<https://isaacomputerscience.org/topics/gcse?examBoard=all&stage=all#ocr>

SENECA learning website

<https://senecalearning.com/en-GB/>

ClickSchool

<https://www.clickschool.co.uk/schdio/#0>

Outwood Home learning Computer Science

<https://compsci.homelearning.outwood.com/j277>

The National Academy

<https://www.thenational.academy/teachers/programmes/computing-secondary-ks4-gcse-l/units>

Crash Course Computer Science – a youTube playlist covering many computer science topics (for further interest)

<https://youtu.be/tplctyqH29Q?feature=shared>

Python--- Cover Python in 4.5 hours

https://youtu.be/rfscVS0vtbw?si=pabCugngprmHRK_2

★ Contents ★

- 📺 (0:00) Introduction
- 📺 (1:45) Installing Python & PyCharm
- 📺 (6:40) Setup & Hello World
- 📺 (10:23) Drawing a Shape
- 📺 (15:06) Variables & Data Types
- 📺 (27:03) Working With Strings
- 📺 (38:18) Working With Numbers
- 📺 (48:26) Getting Input From Users
- 📺 (52:37) Building a Basic Calculator
- 📺 (58:27) Mad Libs Game
- 📺 (1:03:10) Lists
- 📺 (1:10:44) List Functions
- 📺 (1:18:57) Tuples
- 📺 (1:24:15) Functions
- 📺 (1:34:11) Return Statement
- 📺 (1:40:06) If Statements
- 📺 (1:54:07) If Statements & Comparisons
- 📺 (2:00:37) Building a better Calculator
- 📺 (2:07:17) Dictionaries
- 📺 (2:14:13) While Loop
- 📺 (2:20:21) Building a Guessing Game
- 📺 (2:32:44) For Loops
- 📺 (2:41:20) Exponent Function
- 📺 (2:47:13) 2D Lists & Nested Loops
- 📺 (2:52:41) Building a Translator
- 📺 (3:00:18) Comments
- 📺 (3:04:17) Try / Except
- 📺 (3:12:41) Reading Files
- 📺 (3:21:26) Writing to Files
- 📺 (3:28:13) Modules & Pip
- 📺 (3:43:56) Classes & Objects
- 📺 (3:57:37) Building a Multiple Choice Quiz
- 📺 (4:08:28) Object Functions
- 📺 (4:12:37) Inheritance
- 📺 (4:20:43) Python Interpreter