

Sainik School Imphal: Class 8 Computer Science YOUTUBE links

| SL | CHAPTER | LINKS |
|--|--|---|
| 1. Operating System and Graphical User Interface | | |
| | Computer System | https://www.youtube.com/watch?v=n1UYp-HPtEs&list=PLJumA3phskPG9W5-B5AadXzl-SdvtStfW |
| | Hardware and Software | https://www.youtube.com/watch?v=mR0jt2ByM08 |
| | System software & Application software | https://www.youtube.com/watch?v=HkQKTkw6-Rw |
| | Operating system | https://www.youtube.com/watch?v=GFAKuciQYTk |
| | Types of Operating System | https://www.youtube.com/watch?v=fLl8wsWjTdA |
| | Commonly used Operating System | https://www.youtube.com/watch?v=eJuvKn5j_kE |
| | | https://www.youtube.com/watch?v=V0hs9T8ya_o |
| | Mobile Operating System | https://www.youtube.com/watch?v=ujgL44AEUzs |
| | | https://www.youtube.com/watch?v=fdzdngpH-us |
| | User Interface | https://www.youtube.com/watch?v=8O2JFVEty2M |
| 2. Spreadsheets- Functions and Charts | | |
| | MS Excel | https://www.youtube.com/watch?v=bMwSVyCAQhE |
| | Different parts of MS Excel | https://www.youtube.com/watch?v=4X0ZLsb_WF8 |
| | Types of Data | https://www.youtube.com/watch?v=oHMu8cmvQ10 |
| | Entering data in a spreadsheet | https://www.youtube.com/watch?v=ayDoN5wP8bY |
| | Selecting Cells | https://www.youtube.com/watch?v=7SGcyxNE0TQ |
| | Naming a range of cell | https://www.youtube.com/watch?v=tDaA3hgQwpQ |
| | | https://www.youtube.com/watch?v=iAE9a0uRtpM |
| | Naming, renaming and deleting a sheet | https://www.youtube.com/watch?v=lj_SsKuTKdE |
| | | |
| | Operators in MS Excel | https://www.youtube.com/watch?v=88fypeld_UM |
| | | https://www.youtube.com/watch?v=eWMD0pKmg48 |
| | | https://www.youtube.com/watch?v=GVmZX9Zik3Y |
| | Cell References | https://www.youtube.com/watch?v=NmVMjQzseLA |
| | | https://www.youtube.com/watch?v=LFlykJmL4M8 |
| | Functions | https://www.youtube.com/watch?v=JI0Qk63z2ZY |
| | | https://www.youtube.com/watch?v=DsZ7IsTaAYo |

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| | Charts in MS Excel | https://www.youtube.com/watch?v=WKMk-kp8fQ |
| | Creating different types of chart | https://www.youtube.com/watch?v=YmlqBTs_uak |
| | Sorting Data | https://www.youtube.com/watch?v=m97Rbqs6ico |
| | | https://www.youtube.com/watch?v=Ep5q1cUhQas |
| | Filtering Data | https://www.youtube.com/watch?v=JNZqRYkgZ4c |
| | Goal Seek | https://www.youtube.com/watch?v=fcKCUDyF73Y |
| | | https://www.youtube.com/watch?v=OhnkuBVTcg8 |
| | Printing a worksheet | https://www.youtube.com/watch?v=DPh9ZPzExTI |
| | | https://www.youtube.com/watch?v=8XcFTeCu98k |
| 3. Algorithms and Flowcharts | | |
| | Algorithm | https://www.youtube.com/watch?v=uwEdrltUDg4 |
| | Characteristics of a Good Algorithm | https://www.youtube.com/watch?v=FbYzBWdhMb0 |
| | Examples of algorithm | https://www.youtube.com/watch?v=wckArcRxDac |
| | Flowcharts | https://www.youtube.com/watch?v=BLR056KwikY |
| | Features of a Flowchart | https://www.youtube.com/watch?v=GnV6DUraElo |
| | Basic Flowcharting Shapes | https://www.youtube.com/watch?v=kxZJv56BxU8 |
| | Uses of Flowcharts | https://www.youtube.com/watch?v=iJmcgQRk048 |
| 4. Programming Languages | | |
| | Computer Program | https://www.youtube.com/watch?v=ifo76VyrBYo |
| | Uses of Computer Program | https://www.youtube.com/watch?v=H2I5WpP49ms |
| | Object Oriented Programming Languages | https://www.youtube.com/watch?v=xoL6WvCARJY |
| | C++ | https://www.youtube.com/watch?v=oQ_Pg2A1vEU |
| | Character set of C++ | https://www.youtube.com/watch?v=X8S2FtUjpsw |
| | | https://www.youtube.com/watch?v=G2MDLfi9FCM |
| | Tokens of C++ | https://www.youtube.com/watch?v=5T7ZlxpugD4 |
| | | https://www.youtube.com/watch?v=-oxTMNSI8tM |
| | Structure of a C++ program | https://www.youtube.com/watch?v=qy7-hKIFaDo |
| | | https://www.youtube.com/watch?v=75w2m2kWtA4 |
| | Input/Output statements | https://www.youtube.com/watch?v=P8shg8eQdiU |
| | Remark/comment | https://www.youtube.com/watch?v=uT0c5X1kvq4 |

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| | Manipulators | https://www.youtube.com/watch?v=kZ0IFp_4tBo |
| | Compilation/ Execution of C++ program | https://www.youtube.com/watch?v=LksXocN_IXw |
| | Debugging a C++ program | https://www.youtube.com/watch?v=XCH9nWGCv6k |
| | Control Flow | https://www.youtube.com/watch?v=s3oGPdFqvNw |
| | If Else statement | https://www.youtube.com/watch?v=MTjDwDHbcv0 |
| | Nested If statement | https://www.youtube.com/watch?v=qAcw7b5IWuE |
| | While statement | https://www.youtube.com/watch?v=NYfz6nKzC3c |
| | Do while statement | https://www.youtube.com/watch?v=4RwrpzLMoRI |
| 5. App Development | | |
| | Mobile OS | https://www.youtube.com/watch?v=ujgL44AEUzs |
| | Downloading App from Google Play Store | https://www.youtube.com/watch?v=_Omo65vzGMU |
| | Developing of Apps | https://www.youtube.com/watch?v=gXG5nN-AO2Y |
| | | https://www.youtube.com/watch?v=hRuTKECVOKE |
| | Uploading the APK file on Google Play Store | https://www.youtube.com/watch?v=sCt9bMfyNMO |
| | | https://www.youtube.com/watch?v=ohCx7dVfqY0 |
| 6. Computer Networks | | |
| | Computer Network | https://www.youtube.com/watch?v=Pux4FItAH7Y |
| | Uses of Computer Networks | https://www.youtube.com/watch?v=ng2rL1YBocg |
| | Elementary Terminology of Networking | https://www.youtube.com/watch?v=0tZBrIM_PY4 |
| | | https://www.youtube.com/watch?v=FtsRn_YSJzE |
| | Types of Computer Networks | https://www.youtube.com/watch?v=LbVfSqLcFTI |
| | Topology | https://www.youtube.com/watch?v=sm1cnLRKAZI |
| | Communication devices of computer | https://www.youtube.com/watch?v=O-dlwV9SK1U&list=PLWCnIND4eZ9tOxAZn5sO1n1_nKKYJxp_X |
| | | https://www.youtube.com/watch?v=Rrf96cYU-hc&list=PLWCnIND4eZ9tOxAZn5sO1n1_nKKYJxp_X&index=2 |
| | | https://www.youtube.com/watch?v=7xnNRQjmTMg |
| | Client Server concepts | https://www.youtube.com/watch?v=L5BlpPU_muY |
| | | https://www.youtube.com/watch?v=ACwXl3rAPto |

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| | Network protocols | https://www.youtube.com/watch?v=g_kNTa9y6ls |
| 7. Cloud Computing | | |
| | Cloud and Cloud Computing | https://www.youtube.com/watch?v=UUJT8Lzu1uM |
| | | https://www.youtube.com/watch?v=jRcNblZjTf0 |
| | | https://www.youtube.com/watch?v=VzkHFu6iCVI |
| | Types of Cloud | https://www.youtube.com/watch?v=YH4CfwK6LhM |
| 8. GIMP | | |
| | Introduction | https://www.youtube.com/watch?v=bQrJv8jPa5Q |
| | | https://www.youtube.com/watch?v=wDDqs95TKY |
| | | https://www.youtube.com/watch?v=RatebktXQ0Y |
| | Commonly Used terms | https://www.youtube.com/watch?v=leABb8c wdUg |
| | The Toolbox | https://www.youtube.com/watch?v=FbnKRjh5MsU |
| | Enhancing Photographs | https://www.youtube.com/watch?v=TiavEWDVQGE |
| | Removing Unwanted objects from an image | https://www.youtube.com/watch?v=ofa90AaJLOE |