

AP Test Review Night 2- Units 3-5

--UNIT 3--

Day 24

- Algorithm

Day 25

- Low Level Programming Language
- High Level Programming Language

Day 26

- Efficiency
- Turtle Programming
- Define Function
- Call It
- Execute
- Procedure

Day 27

- API
- Documentation
- Library
- Parameter
- Stepwise Refinement

Day 28

- Functions with parameters- [Video](#)

Day 29

- Loops- [Video](#)

--UNIT 4--

Day 32

- Moore's Law
- Big Data

Day 33

- One Pager

Day 34

- Data Breaches
- Collecting Data
- Using Data
- Privacy Issues

Day 35

- Encryption
- Decryption
- Cipher
- Ceasar's Cipher
- Random Substitution
- Cracking Encryption

Day 36

- Vigenre Cipher
- Keys and Passwords- [Video](#)
- Computationally Hard

Day 37

- Public Key & Private Crypto
- Cybersecurity and Crime- [Video](#)
- Asymmetric Encryptions
- Modulo Operation
- Viruses
- Phishing

- Bot Net
- DDOS

--UNIT 5--

Day 44

- UI
 - UI Elements
 - UI Events
- Event driven Program
- Event Handling
 - Event Listener
 - Callback function

Day 45

- Debugging

Day 46

- Multi-Screen

Day 47

- Variable
 - Create
 - Assign
 - Re-Assign
- Expression
- Data Type

Day 48

- Variable Scope
 - Global Variable
 - Local Variable

Day 49

- String
- Concatenate

Day 50

- If Statement
- Conditionals
- Selection

Day 51

- Boolean
- Boolean Expression

Day 53

- setProperty()
- rgb()

Day 54

- While Loop

Day 55

- Models and Simulations

Day 56

- List
- Array

Day 59

- For Loop

Day 60

- Return
- Return Value

Day 61

- Canvas
- Key Event