Year 7 Computing Learning Cable

Skills/Knowledge: Topic Test
Heath and safety rules
File management
Hotkeys
File types and Picture types
Advanced internet searching

Skills/Knowledge: Topic Test
Hardware/software
Input, process, output
How computers communicate
Threats to computer systems
Accessibility devices

Skills/Knowledge: Topic test
Binary
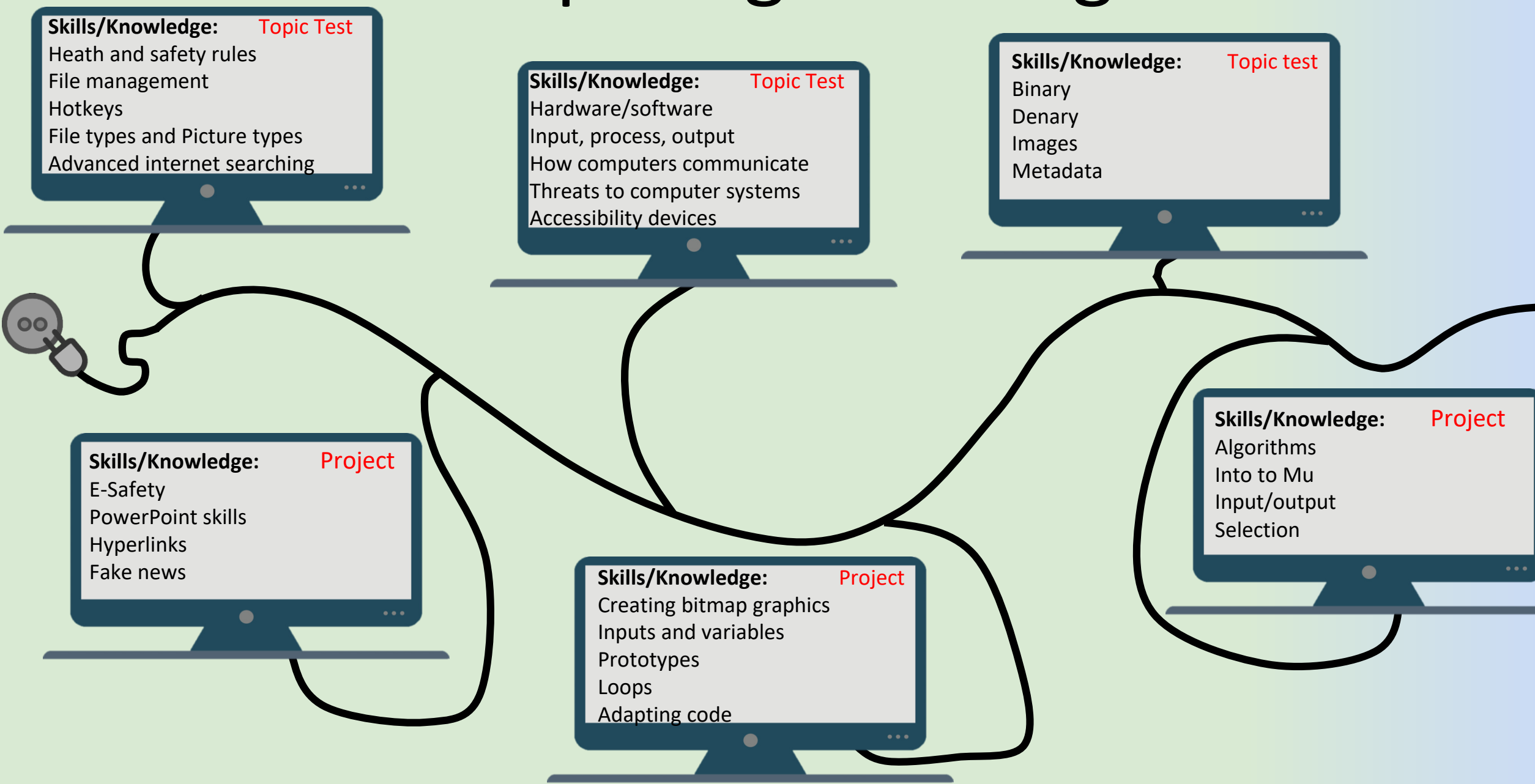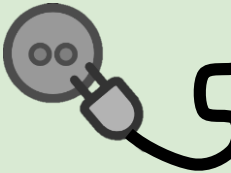Denary
Images
Metadata

Skills/Knowledge: Project
E-Safety
PowerPoint skills
Hyperlinks
Fake news

Skills/Knowledge: Project
Creating bitmap graphics
Inputs and variables
Prototypes
Loops
Adapting code

Skills/Knowledge: Project
Algorithms
Into to Mu
Input/output
Selection

Year 8 Computing Learning Cable

Skills/Knowledge: Project
Spreadsheet keywords
Formulae
Formatting
Charts

Skills/Knowledge: Topic Test
Input and output
Data types
Casting
Concatenation
Selection

Skills/Knowledge: Topic Test
What are networks
Networking hardware
Wired vs Wireless networks
The internet and internet services
The world wide web

Skills/Knowledge: Topic Test
Being smart with a smart phone
Digital footprint
Cyber bullying
Computers and the law
Privacy

Skills/Knowledge: Topic Test
Converting between binary and denary
Images
Hexadecimal
ASCII

Year 9 Computing Learning Cable

Skills/Knowledge: Topic Test
Flow charts
Logic gates

Skills/Knowledge: Project
Python basics
Integers
Bug fixes
Independent coding

Skills/Knowledge: Topic Test
Linear search
Binary search
Merge sort
Insertion sort

Skills/Knowledge: Topic Test
Binary
Denary
Bubble sort
Selection sort

Skills/Knowledge: Project
Python:
Subroutines
While loops

Skills/Knowledge: Topic Test
Computer Components
Computer Functions
Marketing and evaluating