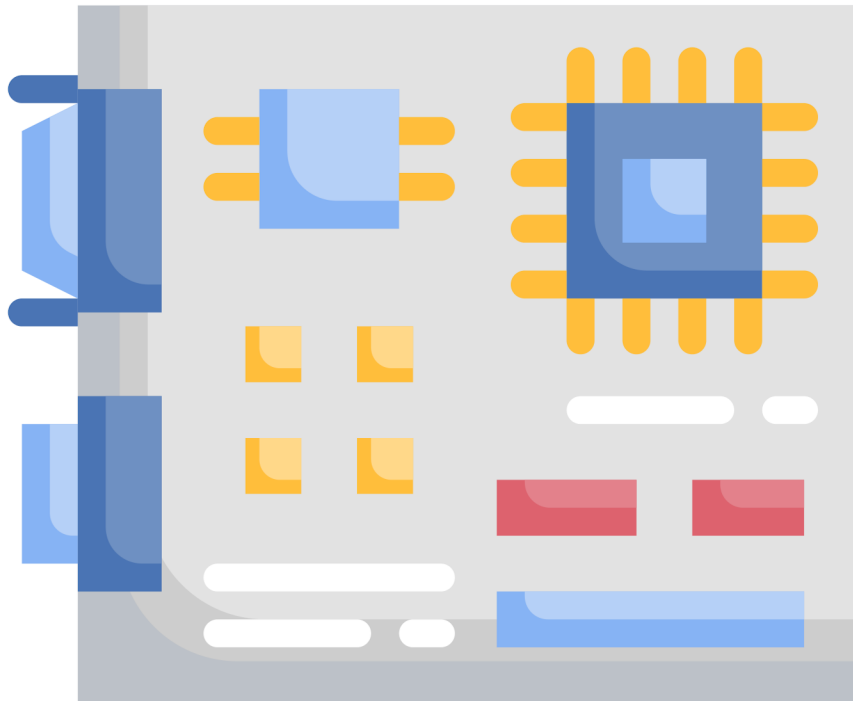
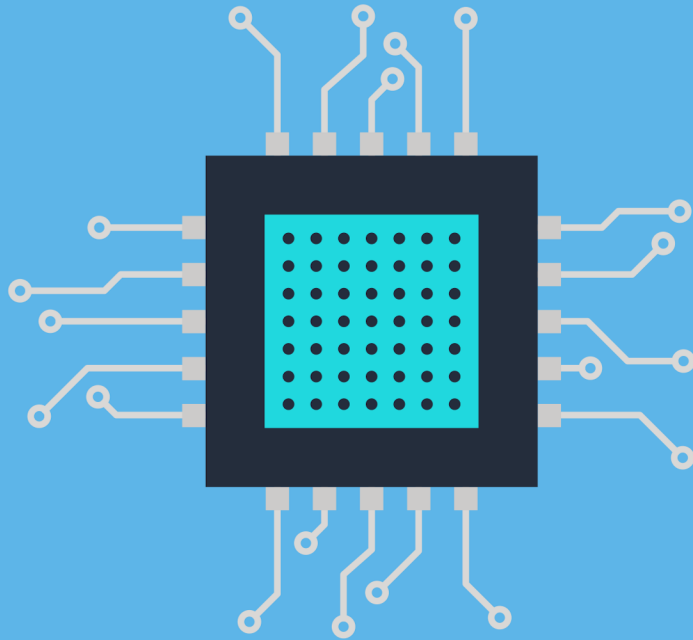


# Display words

## Year 5-6



# Digital systems



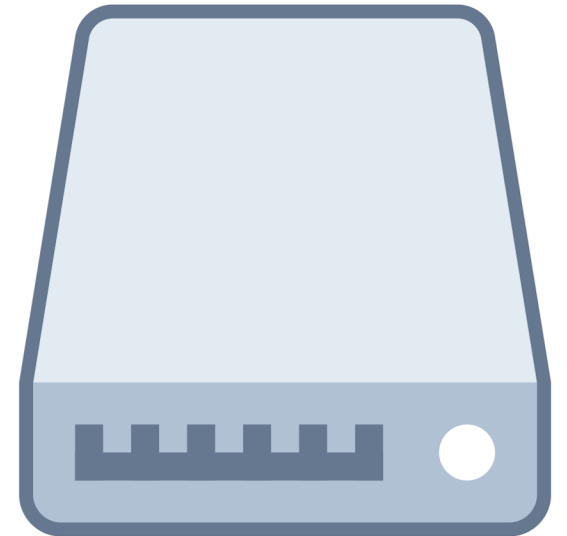
# Curriculum Alignment

- AC9TDI6K01
- AC9TDI6K02

# Digital systems



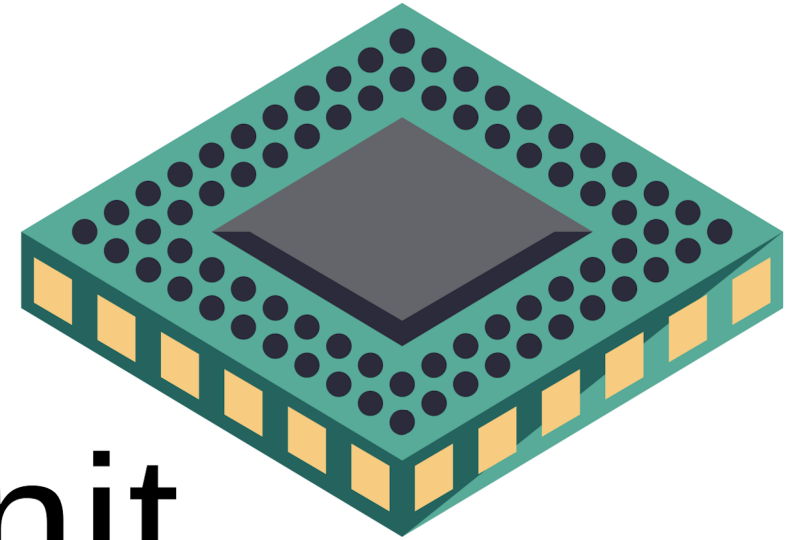
# Internal Components



# CPU

## Central

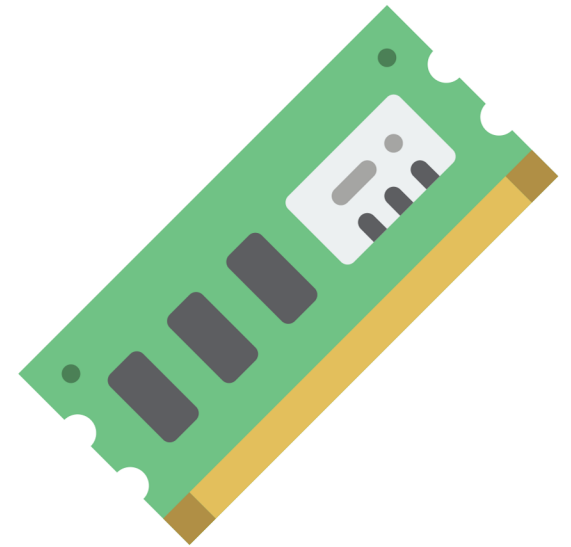
## Processing Unit



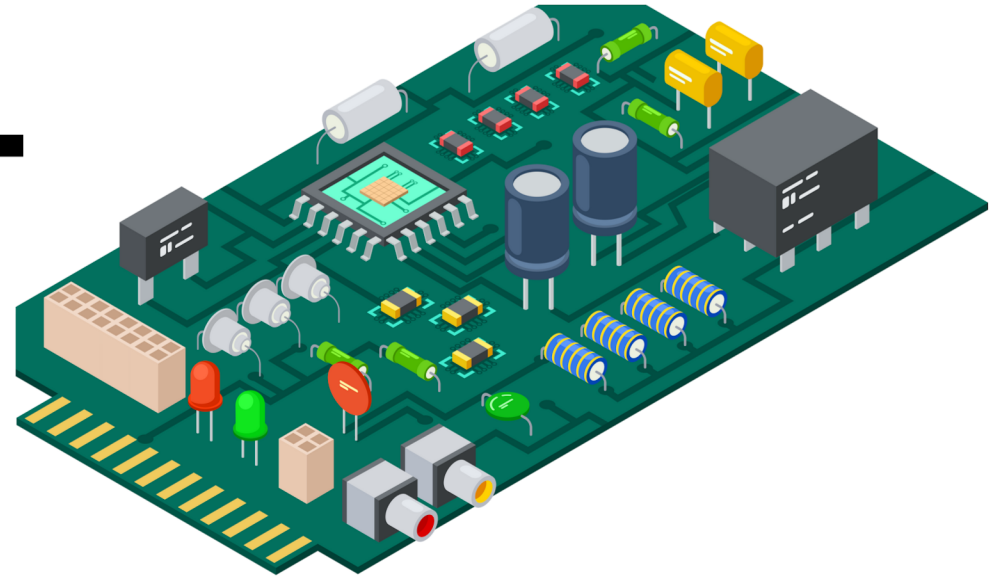
# RAM

## Random Access

## Memory



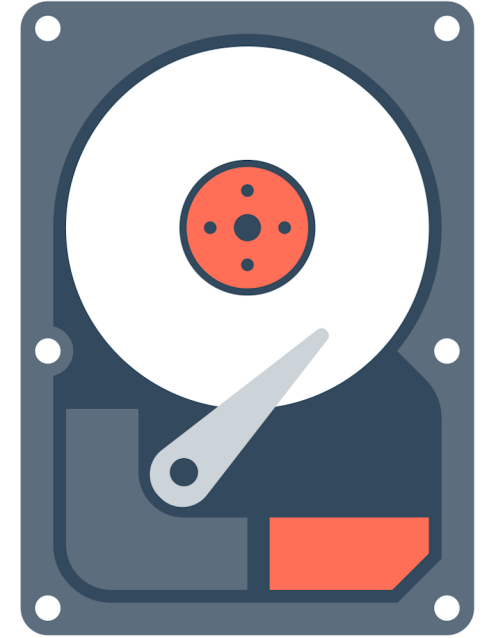
# Mother- board



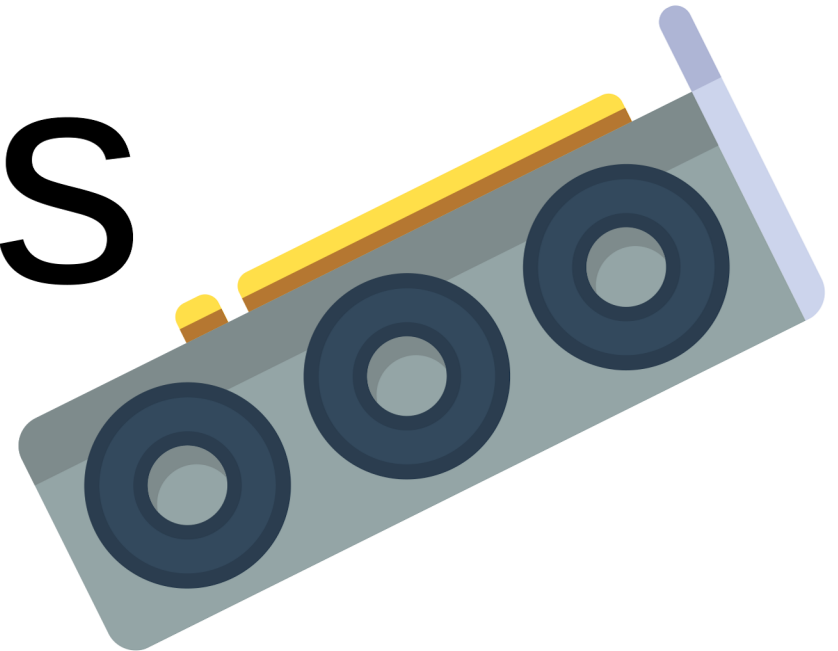
# ROM Read Only Memory



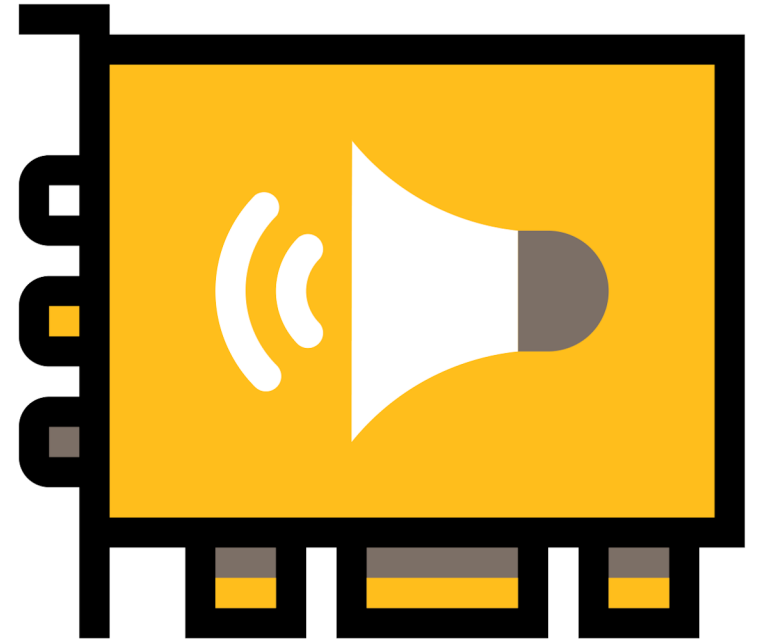
Hard disk  
drive



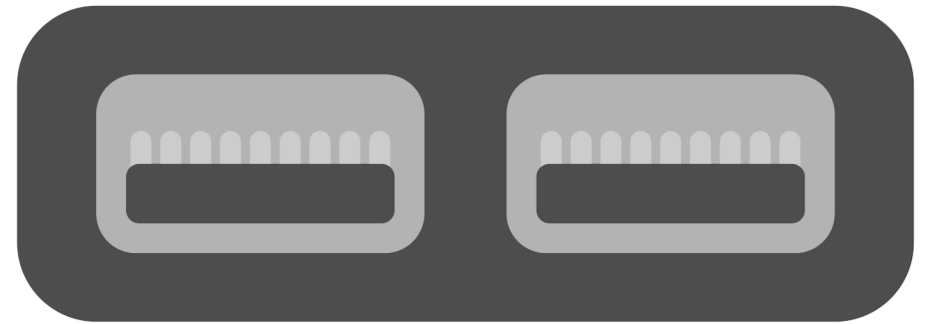
Graphics  
Card



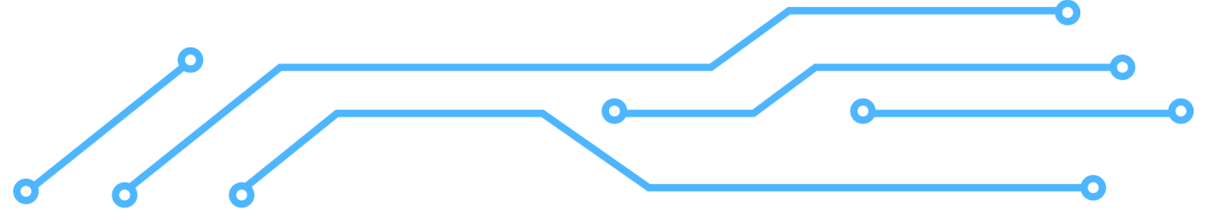
Sound  
card



Ports

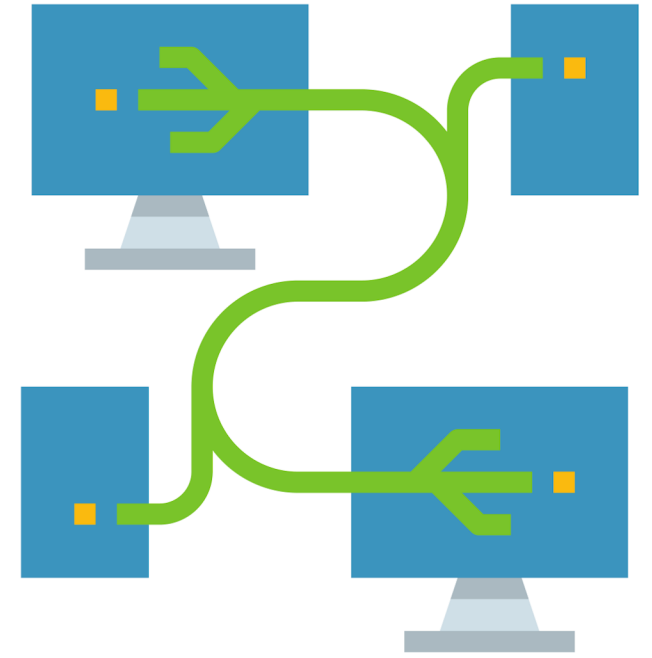


Data  
bus

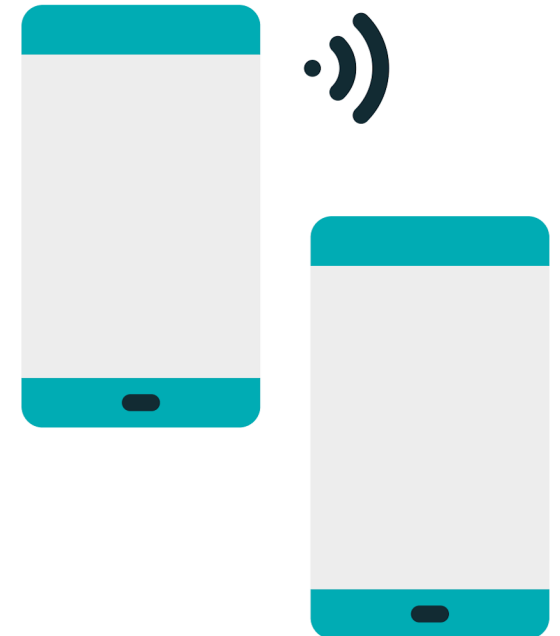




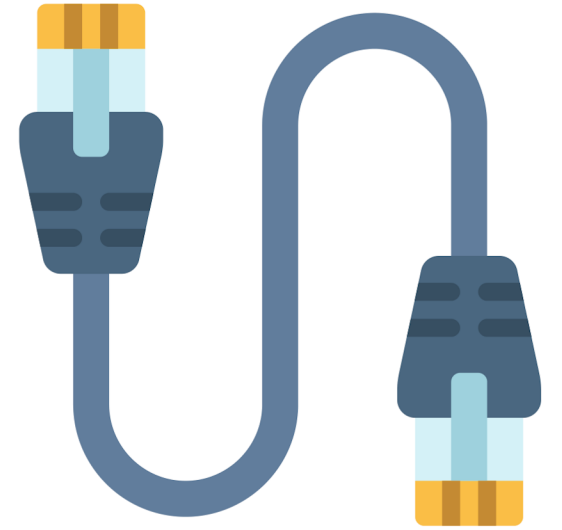
# Network



# Transmit Data



# Cables



# Radio waves



# Data

0 1 0 1  
1 0 0 1  
0 1 1 0

# Curriculum Alignment

- AC9TDI6K03
- AC9TDI6K04

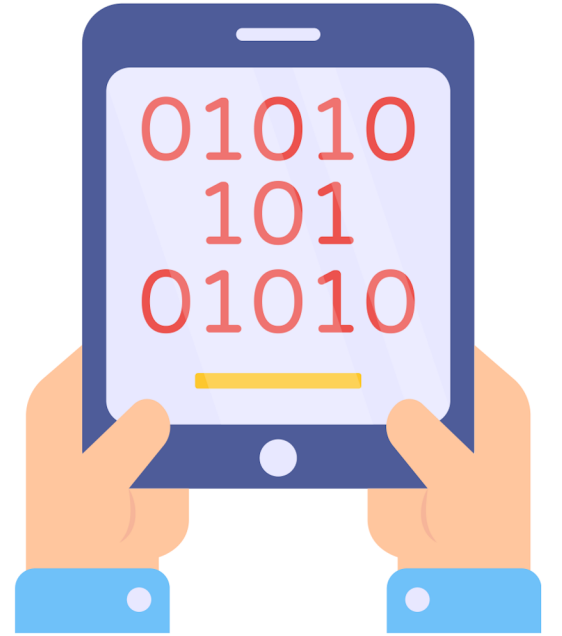
# Data



# Off/on



# Binary



# Circuit



Byte

00101011

Bit

00101011

A diagram illustrating the concept of a bit. The binary sequence "00101011" is shown. The first bit, "0", is enclosed in a vertical oval. A black arrow points from the bottom right towards the first bit.

# Designing



# Curriculum Alignment

- AC9TDI6P01
- AC9TDI6P02
- AC9TDI6P03
- AC9TDI6P04

# Design criteria



# User stories

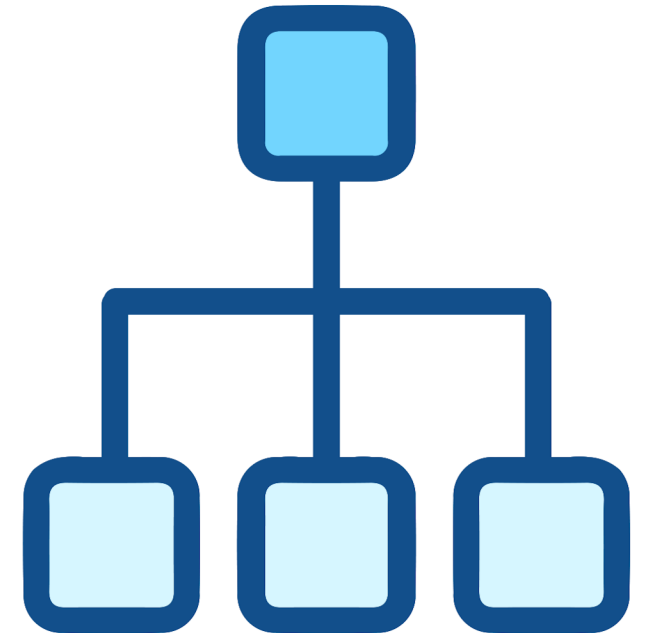




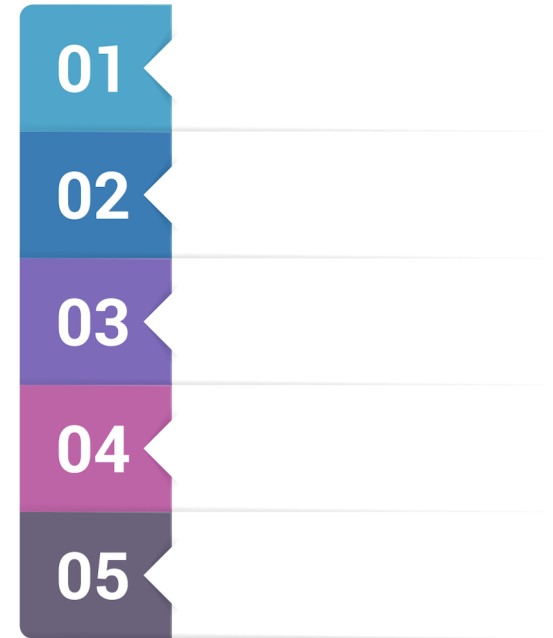
# Algorithms



# Branching



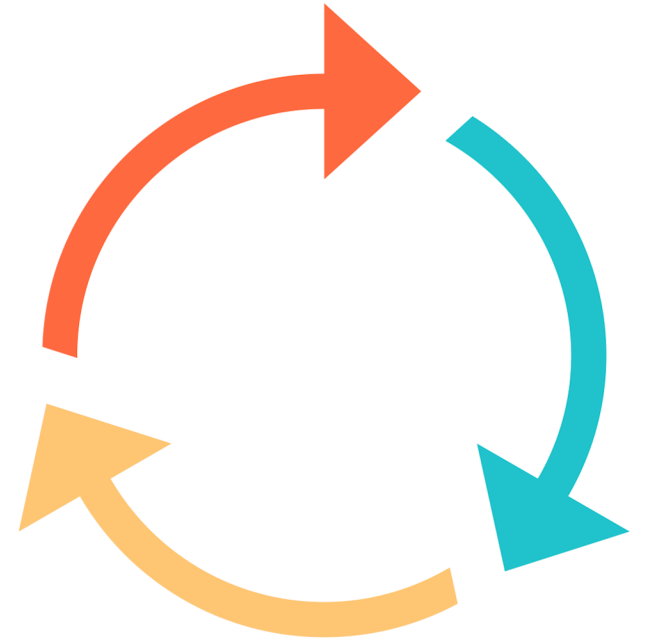
# Steps



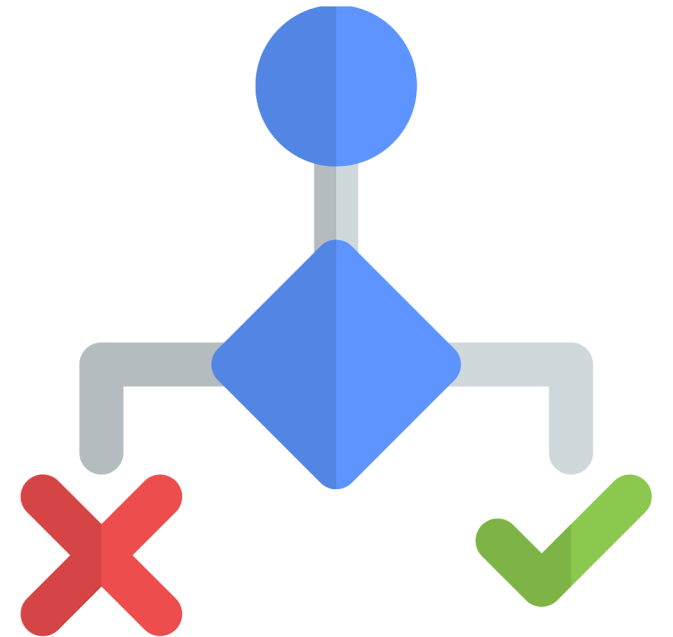
# Decisions



# Loops



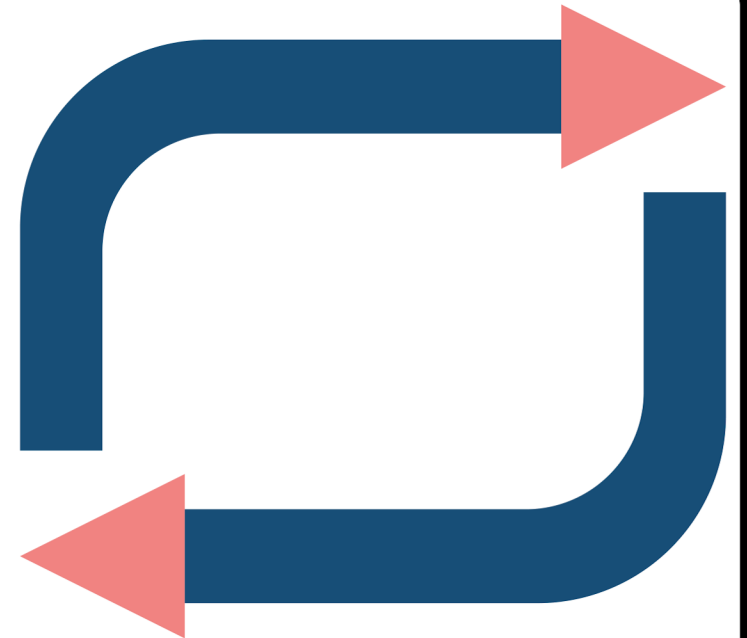
# If, then



# Until



# Iteration



# User interface



# Generate ideas



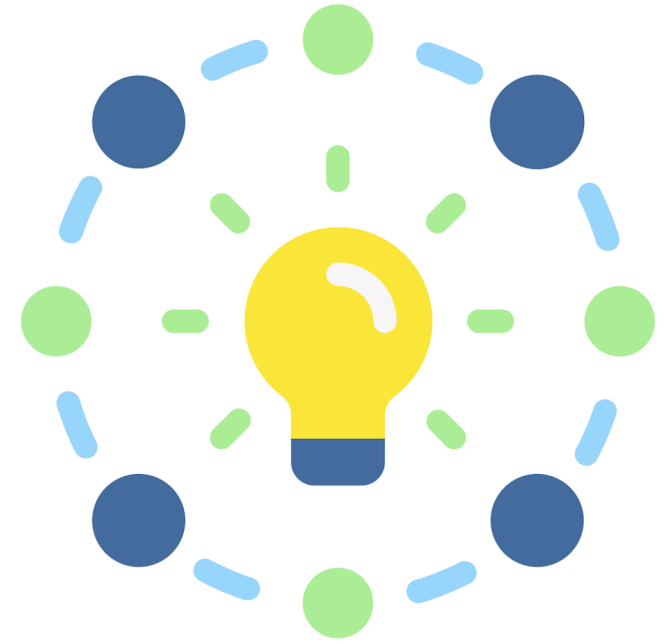
# Communicate designs



# Evaluate designs



Design  
ideas



# Theme

## Producing



# Curriculum Alignment



AC9TDI6P05



AC9TDI6P06



AC9TDI6P07



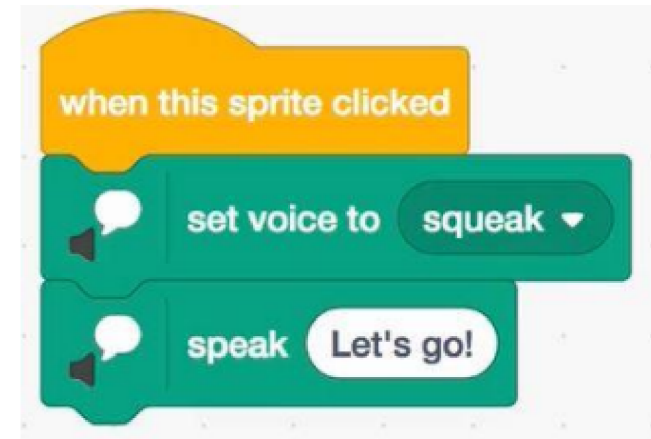
AC9TDI6P08



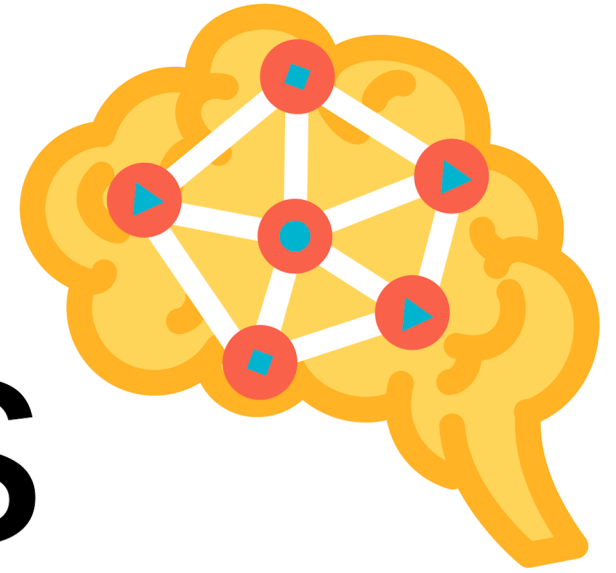
# Algorithms



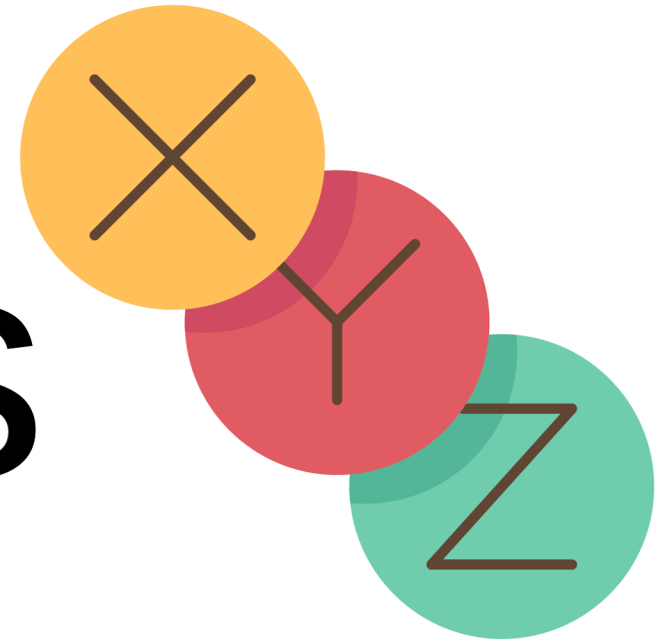
# Visual programs



# Control structures



# Variables



# Design criteria



# User stories



# Community impact



# Digital tools



Create  
content



Locate  
content



Communicate  
content



Common  
conventions



# Share Content



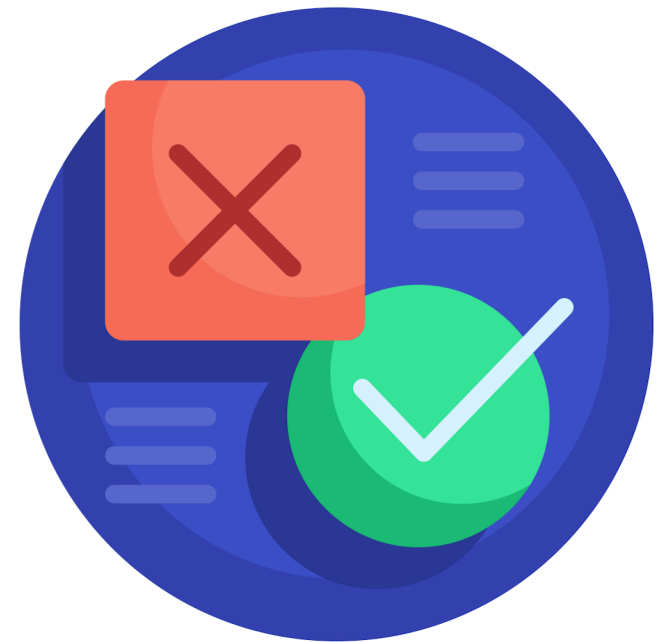
# Plan tasks



Collaborate



Agreed  
behaviour

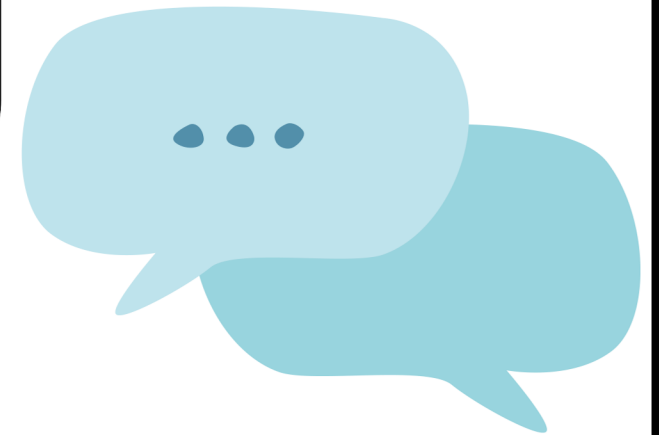




Community  
standards



Moderating  
language



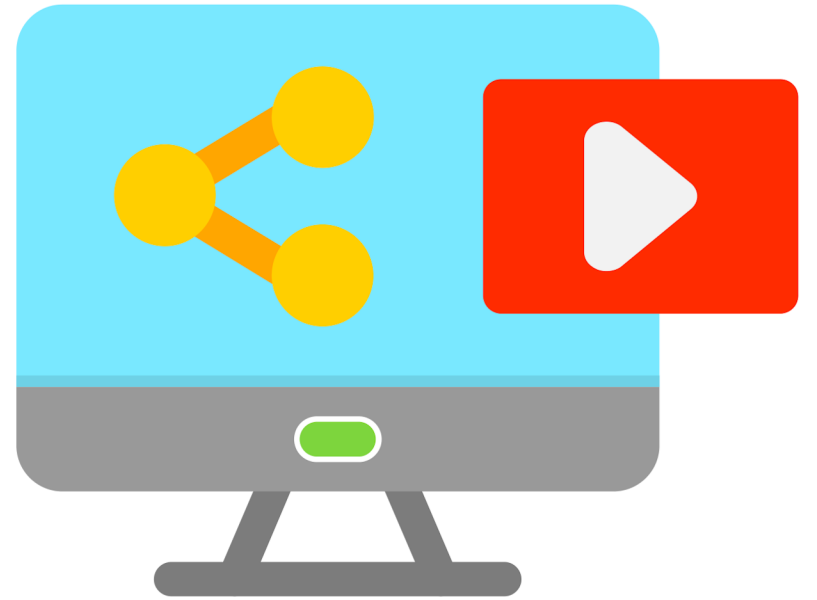
Moderating  
behaviour



Class  
forum



# Shared content



# Privacy



# Security



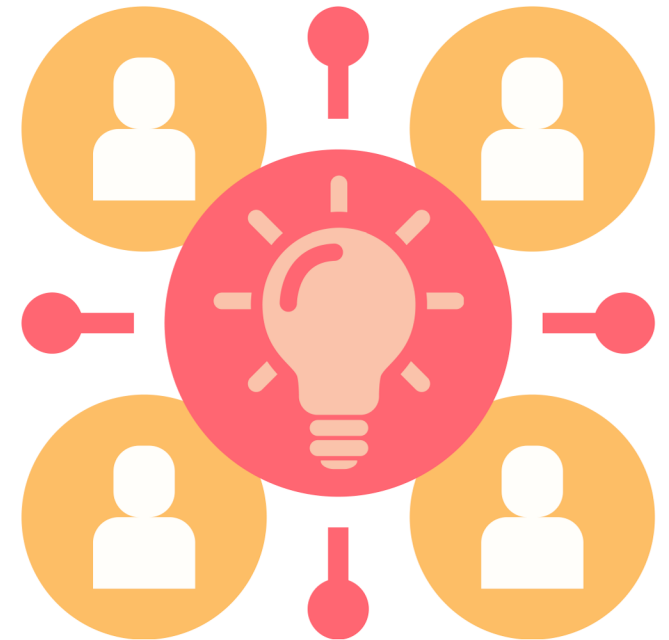
# Accuracy of data



# Communication tools



# Share ideas



# Privacy and security



# Curriculum Alignment



AC9TDI6P09



AC9TDI8P10

# Personal accounts



# Passphrases



Password  
reuse



Compromised  
passwords

