

# ICT

Virtual Learning Resources

## Components of ICT

The term information and communications technology (ICT) is generally accepted to mean all technologies that, combined, allow people and organizations to interact in the digital world.

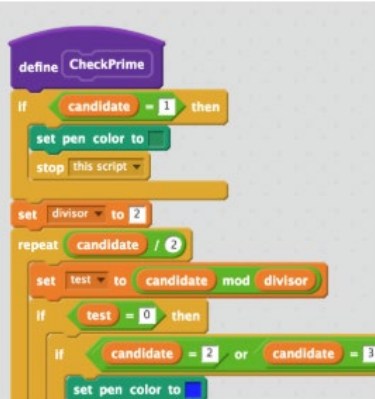


# Coding / Programming

- ▶ [Tutorialspoint](#) is a treasure trove of online learning if you want to learn about software and coding
- ▶ There are many other links on there for
  - ▶ sports and exercise
  - ▶ Marketing
  - ▶ Engineering
  - ▶ Many others

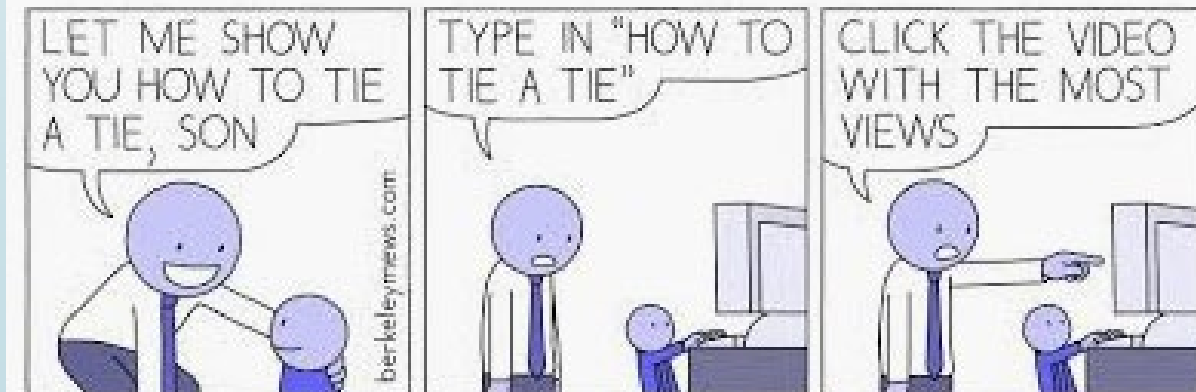
- ▶ <https://www.w3schools.com/>
- ▶ Is a great resource for all things in web creation.
- ▶ Want to learn how to create websites from scratch, then this is a great resource for the three main languages of the web
  - ▶ HTML
  - ▶ CSS
  - ▶ JavaScript
- ▶ And many others

```
function test_prime(n)
{
  if (n===1)
  {
    return false;
  }
  else if(n === 2)
  {
    return true;
  }else
  {
    for(var x = 2; x < n; x++)
    {
      if(n % x === 0)
      {
        return false;
      }
    }
  }
}
```



# General IT 'how-to-do' stuff

- <https://www.howtogeek.com/>
- A great resource for all things 'techie'
- <https://www.microsoft.com/en-gb/software-download/faq>
- Windows questions? Bill Gates and the gang explain
- <https://www.dummies.com/>
- The old dummies guides are online. Simply go to 'topics' and find educational materials to learn and inform yourselves



# Hardware & Software interest you?

## Hardware

- ▶ <http://windows.microsoft.com/en-us/windows/computer-parts#1TC=windows-7>
- ▶ <http://www.ictlounge.com/html/computercomponents.htm>

## Software

- ▶ <https://www.bbc.co.uk/bitesize/guides/zcxgr82/revision/1>





# Computational thinking

- ▶ The maths and logic behind 'the computer'.
- ▶ <https://www.bbc.co.uk/bitesize/guides/zp92mp3/revision/1>