



Oaklands Junior School Curriculum Intent



Computing

E-safety

Tell, explain, describe, predict, verify, consider

Exploration

Research, identify, find evaluate, compare, verify

Communication

Share, select, design, create, Illustrate,

Programming

Problem solve, interpret, predict, construct, investigate

Yr2

Tell an adult if there are on-line content concerns

Describe what makes a secure password and why they are important.

Explain some of ways to protect personal information when working online.

Yr4

Explain how to protect yourself, by using safety features & report on-line concerns to an adult

Describe how to choose secure password & appropriate screen name

Consider that anything shared on-line can be seen by others

Choose age appropriate websites, app

Yr6

Verify what is acceptable and unacceptable on-line behaviour

Consider a range of ways support friends to protect themselves and make good choices

Explain consequences of spending too much time on-line or in a game

Yr2

Find different ways data can be organised.

Compare data in a readymade database to answer questions.

Identify parts of a computer.

Yr4

Research by planning, creating and searching a database to answer questions. **Identify** the best way to present data to peers

Verify reliability of information on the World Wide Web. **Identify** how to check who owns photos, text and clipart.

Yr6

Research, Verify and evaluate the data for accuracy and plausibility.

Interpret and **compare** the data collected.

Present the data collected in an appropriate way.

Evaluate the way search results are selected and ranked.

Verify the reliability of a

Yr2

Select different effects with different technology tools.

Share work by using save and retrieve on the Internet, the school network or own device.

Yr4

Explore new media to **design** and **illustrate** work.

Create work using a keyboard confidently and make use of a spellchecker and review work

Yr6

Design, plan create and share work considering audience, atmosphere and structure

Identify and **select** the potential of unfamiliar technology to confidently create new work,

Select an appropriate tool to communicate, collaborate and **share** online.

Yr2

Problem-solve by breaking up into smaller parts.

Construct using a sequence of commands to achieve a specific outcome

Yr4

Investigate use of a sensor to detect a change which can select an action within my program.

Predict and **interpret** results and keep testing a program while putting it together.

Use a variety of tools to **construct** a program.

Investigate an error in a program and debug it.

Yr6

Investigate effectiveness and efficiency of algorithm while continually **problem-solving** the programming of that algorithm.

Investigate and **predict** when to use a variable to achieve a required output.

Construct sequence using a variable and operators to stop a program.