



# St James CofE Primary

## Year 5 - Computing Learning Passport

### Computer Science

#### Key questions:

How can we make things move?

#### Prior Learning:

Design, write and debug programs that accomplish specific goals; solve problems by decomposing them into smaller parts.

#### What I will be able to use:



2Code



2DIY 3D

#### Key Learning:

I know what a simulation is

I know what decomposition and abstraction are in Computer Science.

I know what the different variable types are and how they are used differently.

I know how to create a sting

#### Key Skills:

I can plan, design and create a quest game.

I can review and simplify code.

I can create a string.

I can use friction and functions in code,

#### Key Vocabulary:

variable	if/else statements	string
simulation	decomposition	values
when key	abstraction	friction
function	screenshot	

#### Key Person:

**Katherine Johnson** (1918 - 2020)

An American mathematician, a NASA employee whose calculations were critical to the success of the first and subsequent U.S. crewed spaceflights.

The space agency noted her "historical role as one of the first African-American women to work as a NASA scientist".

