

# WARRAWEE 1B - TECHNOLOGY

MICROSOFT RESEARCH / FUSE LABS

## KODU GAME LAB



Next term we will be introducing the pupils of 1B to Kodu.

Please find following some information about this exciting tool and also how you can download it – something for the school holidays!

### WHAT IS KODU?

A visual programming language made specifically for creating games.

Accessible for children and enjoyable by anyone!

### Programming as a Creative Medium

Kodu provides an end-to-end creative environment for designing, building, and playing your own new games. The core of the Kodu project is the programming user interface. The language is simple and entirely icon-based. Programs are composed of pages, which are broken down into rules, which are further divided into conditions and actions. Conditions are evaluated simultaneously. For a full technical grammar of the Kodu language, read the Kodu Language Specification and Grammar document.

The Kodu language is designed specifically for game development and provides specialized primitives derived from gaming scenarios. Programs are expressed in physical terms, using concepts like vision, hearing, and time to control character behaviour. While not as general-purpose as classical programming languages, Kodu can express advanced game design concepts in a simple, direct, and intuitive manner.

To find out more about KODU, including videos and more information, visit:

<http://fuse.microsoft.com/page/kodu.aspx>

Kodu is free and runs on Windows.

It can be downloaded from:

<http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=10056>

