

Computing at Woodcroft

Curriculum Committee Summer 2014

Initial Goals

To make Woodcroft a school with renowned use of technology to support learning.

How?

- Achieve Naace Quality Mark.
 - Long term aim to achieve '3rd Millennium Award'.
- Utilise existing resources.
 - Improve awareness and ease of access.
- Introduce the 2014 Curriculum
 - Ensure staff are equipped to deliver new content.

Identifying barriers

Culture

Useability

Home access

Classroom access (devices and connectivity)

Technical support

E-Safety

Vision

- **A change of staff culture**
 - Communication, collaboration and efficiency.
 - Staff actively use technology as a tool to support learning.
- **Cross platform support/integration of resources**
 - Increased usability - a familiar interface wherever accessed.
 - Allow children to easily share their success.
- **Digital Literacy (pupil interaction, collaboration and creativity)**
 - Provide pupils with powerful tools which meet the expectations of the '3rd Millenium' generation.
- **Digital Knowledge (Technological Knowledge and Understanding)**
 - Pupils understand how technology creates the software and devices we use everyday.

How is impact measured?

- Parent survey.
- Achievement of NAACE Quality Mark.
- Lesson Observations/Learning Walks.
- Analysis of Server/GAfE content.
- IntegrisG2

SLT investigating suitable evaluation mechanisms.

Progress to date

- New server installed.
- Computer Suite PCs upgraded.
- Teacher PCs upgraded.
- Many additional classroom PCs installed.
- Learnpads launched to TAs.
- CGP Student books ensure curriculum coverage.
- Espresso Coding on trial.
 - To support teaching of 'Computing' element of 2014 curriculum.
- Robo Club for gifted and talented pupils
 - trialing robotics/programming elements of 2014 curriculum.

Future actions

1. Upgrade Wifi
2. Migrate learning platform (Realsmart).
3. Appoint agent to manage Single-Sign-On (SSO) and integrate Google Apps for Education (GAfE).
4. Provide 26 touch handsets to promote integration of GAfE (cultural change).
5. Update website and migrate hosting.
6. Begin partial laptop replacement cycle (using cheaper Chromebooks to replace aging units).