



Active Learning and Teaching using ICT

The Teacher as Facilitator

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Learning is a process
that is instigated and
managed by the
learner



AfL involves the following key actions:

- **Sharing learning intentions**
- **Sharing and negotiating success criteria**
- **Giving feedback to students**
- **Effective questioning**
- **Encouraging students to assess and evaluate their own work and that of others**

Learning Intentions

The **learning intention** is what teachers hope students will **know** and **understand** and **be able to do**.

- should be achievable and measurable;
- should connect directly to the success criteria that are used to judge achievement;
- will signal the knowledge, understanding and skills being pursued in the unit and individual lessons;
- use language which students can understand.

Can you write a learning intention?

Success Criteria

Success Criteria describe for students what success looks like in a given context

- are linked to the learning intentions
- are discussed and agreed with the students before the activity begins.
- provide a scaffold and focus for students while engaged in an activity.
- are used as the basis for feedback and self and peer assessment

Can you write success criteria?

Research has shown that AfL can have a significant effect on how well students achieve in terms of their attainment, behaviour, motivation, engagement and their ability to work independently.

Bloom's Taxonomy*



Creating

Evaluating

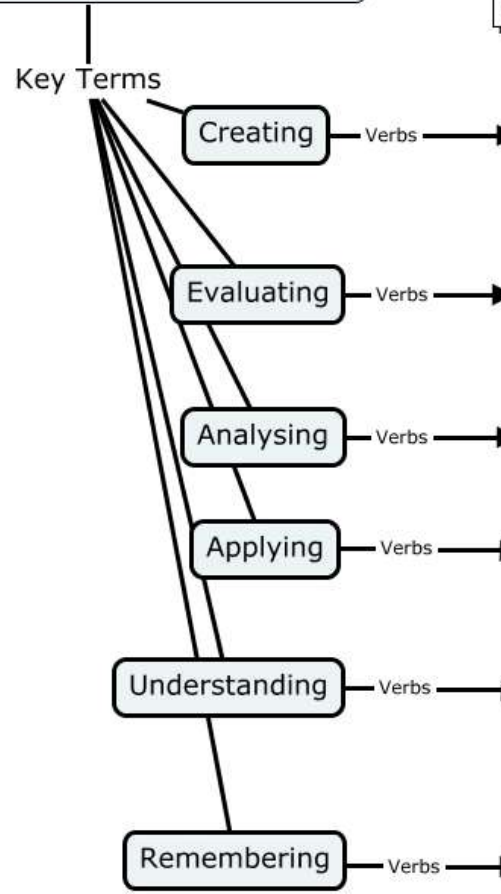
Analysing

Applying

Understanding

Remembering

Bloom's Digital Taxonomy



HOTS Higher Order Thinking Skills

Designing, constructing, planning, producing, inventing, devising, making, programming, filming, animating, blogging, video blogging, mixing, re-mixing, wiki-ing, publishing, videocasting, podcasting, directing, broadcasting

Checking, hypothesising, critiquing, Experimenting, judging, testing, Detecting, Monitoring, blog commenting, reviewing, posting, moderating, collaborating, networking, refactoring, testing.

Comparing, organising, deconstructing, Attributing, outlining, finding, structuring, integrating, mashing, linking, validating, reverse engineering, cracking, media clipping

Implementing, carrying out, using, executing, running, loading, playing, operating, hacking, uploading, sharing, editing

Interpreting, Summarising, inferring, paraphrasing, classifying, comparing, explaining, exemplifying, advanced searches, Boolean searches, blog journaling, twittering, categorising, tagging, commenting, annotating, subscribing.

Recognising, Listing, Describing, Identifying, Retrieving, Naming, Locating, Finding, bullet pointing, highlighting, bookmarking, social networking, social bookmarking, favouriting/local bookmarking, searching, googling.

LOTS Lower Order Thinking Skills

- COMMUNICATION SPECTRUM**
- Collaborating
 - Moderating
 - Negotiating
 - Debating
 - Commenting
 - Net meeting
 - Skyping
 - video conferencing
 - Reviewing
 - Questioning
 - Replying
 - Posting & Blogging
 - Networking
 - Contributing
 - Chatting
 - e-mailing
 - Twittering/Microblogging
 - Instant messaging
 - Texting

And in conclusion....

Learning to Change – Changing to Learn