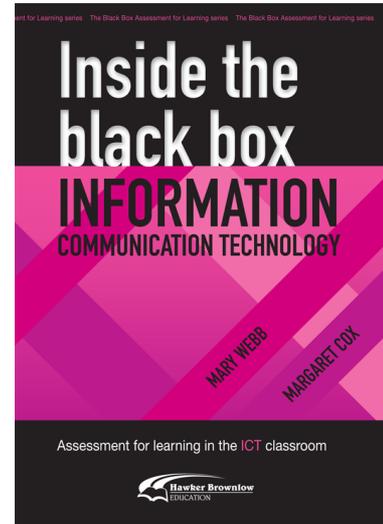


Inside the Black Box: ICT

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Summary:

In the ever-evolving climate of ICT education, formative assessment practices have an essential role to play, since their purpose is to enable teachers to sift the rich data that arise in class discussion and activity so that professional judgements can be made about the next steps in learning. *Inside the Black Box: ICT* offers advice to ICT teachers on how to use formative assessment to interact more effectively with their students and promote their learning.

The specific aim of *Inside the Black Box: ICT* is the betterment of ICT learning and teaching, so our ideas are put into the context of the aims and expectations of ICT education. We set out in detail four main ways of practising formative assessment in an ICT setting, outlining assessment techniques that encourage learners to bring their ideas to the fore. Using these methods, teachers are able to gauge what students already know, what they partly know and what they do not know, all the while assessing learners' analytical skills and how they approach a design task. Crucially, the ideas presented in this book are based on substantial evidence that the initiatives proposed actually can improve students' learning and achievements. Because effective formative assessment must be carefully planned, the authors also discuss how to formulate a plan to develop formative assessment work within an ICT department in a school.

Supporting Resources:

- *Inside the Black Box* (GLA1284)
- *Inside the Black Box of Assessment* (GLA1369)
- *Working inside the Black Box* (GLA1291)
- *Inside the Black Box: Design and Digital Technologies* (GLA1383)
- *Embedding Formative Assessment Professional Development Pack* (SAT8899)
- *Ahead of the Curve: The Power of Assessment to Transform Teaching & Learning – Leading Edge Series* (SOT8281)


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