

Fan the fire ... spread the light

How effective is the
teaching in your school?

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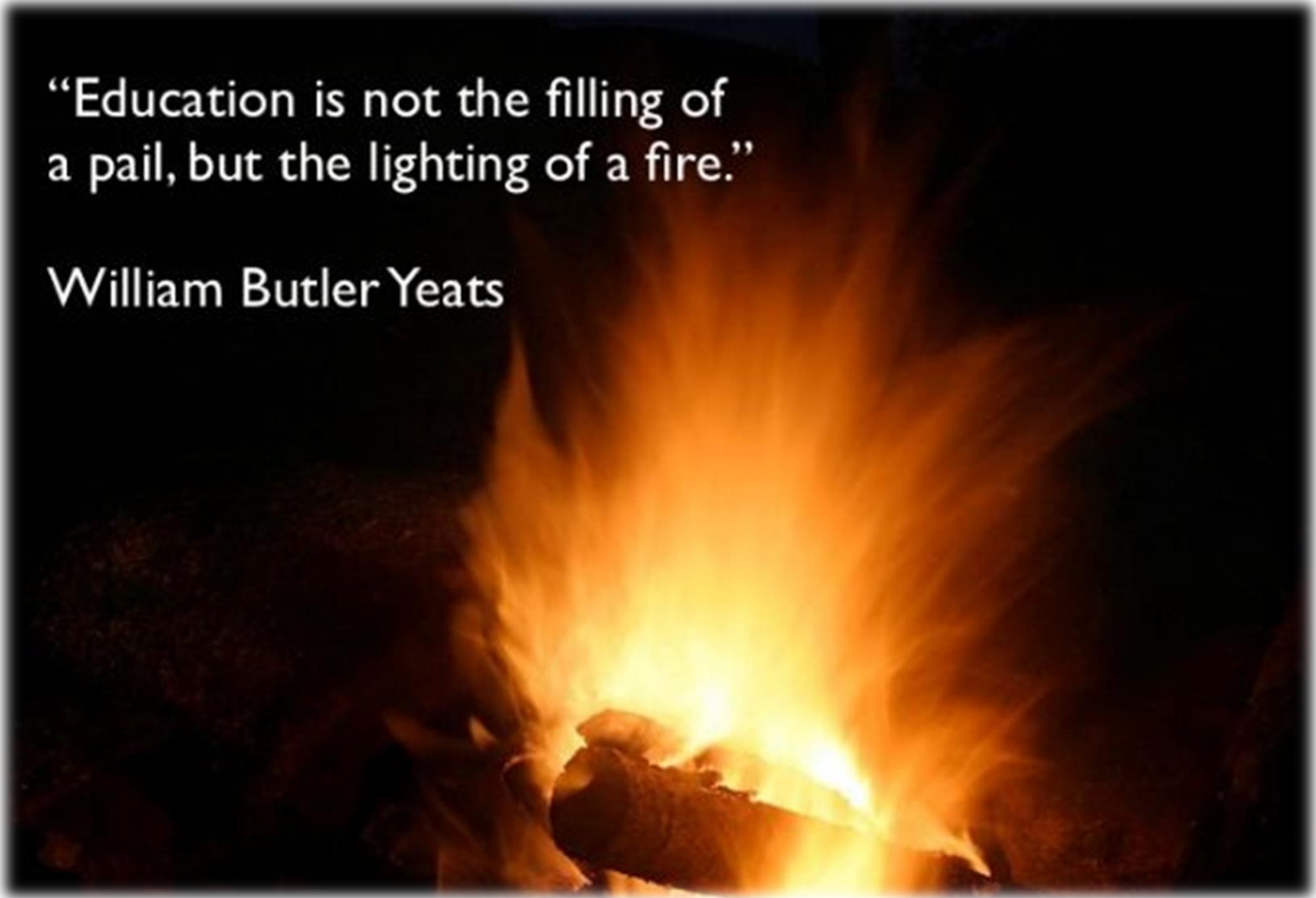
Let's look at:

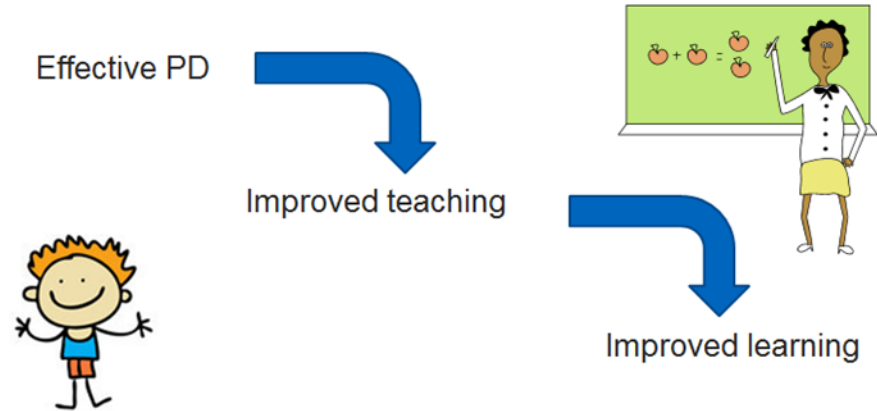
- ▶ What is effective professional development?
- ▶ What is the role of school leaders in professional development?
- ▶ How can we work together?



“Education is not the filling of
a pail, but the lighting of a fire.”

William Butler Yeats





Elements of fire

- ▶ FUEL
- ▶ OXYGEN
- ▶ IGNITION



Your role



Fanning the flames

Teacher Development Trust Standard

Professional development should:

- ▶ have a focus on improving and evaluating pupil outcomes
- ▶ be underpinned by robust evidence and expertise
- ▶ include collaboration and expert challenge
- ▶ be sustained over time

And all this is underpinned by, and requires that:

- ▶ professional development must be prioritised by school leadership

Elements of professional development

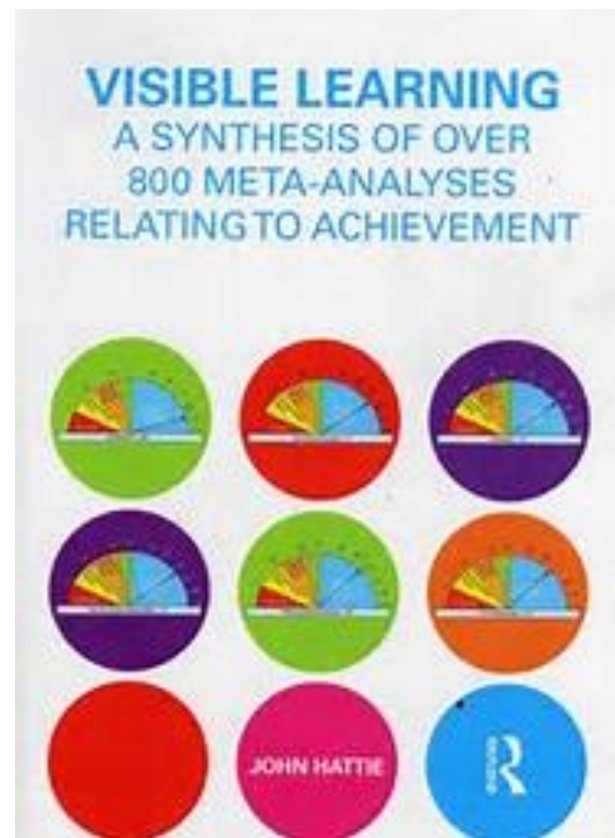
Context

Content



Design

Professor John Hattie



Is it working?

Effective teaching

- ▶ Cognitive change
- ▶ Learning strategies
- ▶ Assessment criteria

Visible teaching and learning

- ▶ Evaluation and activation
- ▶ Direction and redirection
- ▶ Challenge and feedback
- ▶ Errors are welcome

Measuring impact

- ▶ Qualitative
- ▶ Quantitative: effect size

What is effect size?

- ▶ **Measure of the learners' success**
- ▶ **Statistically calculated**
- ▶ **A year's schooling has an average effect size of 0.4, across the world**
- ▶ **A teacher achieving more than 0.4 effect size is doing better than average**

An effect size of 1.0 means?

- ▶ Advancing learners' achievement by one year, or improving the rate of learning by 50%
- ▶ A two grade leap in GCSE, e.g. from a C to an A grade

What has the greatest influence on student learning?

- ▶ Teacher subject matter knowledge
- ▶ Matching teaching with student learning styles
- ▶ Reducing class size
- ▶ Ability grouping
- ▶ Individualized instruction
- ▶ Direct instruction
- ▶ Teacher expectations



What has the greatest influence on student learning?

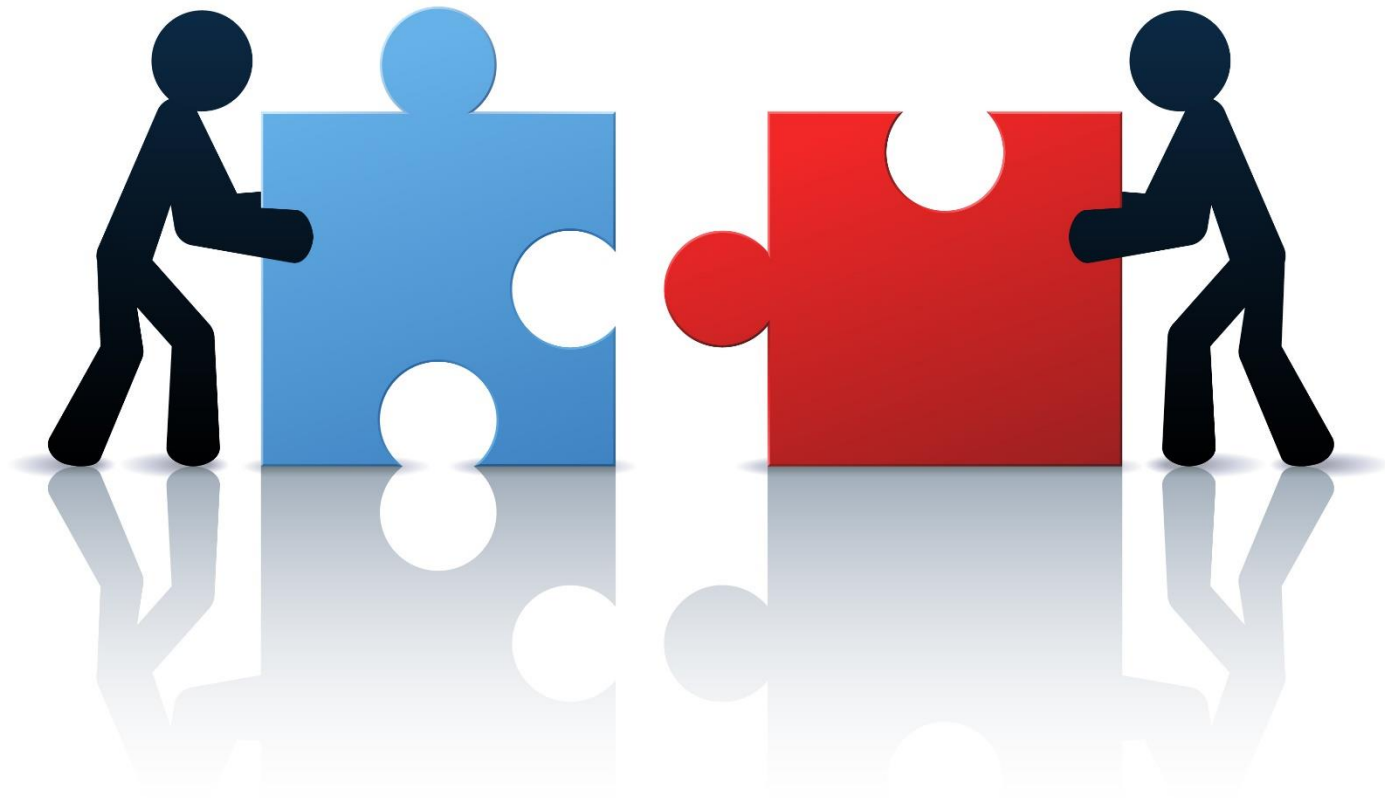
▶ Teacher subject matter knowledge	Low (0.09)
▶ Ability grouping	Low (0.12)
▶ Matching teaching with student learning styles	Low (0.17)
▶ Reducing class size	Low (0.21)
▶ Individualized instruction	Low (0.22)
▶ Teacher expectations	Medium (0.43)
▶ Direct instruction	Medium (0.59)

Eye opener?

- ▶ Student expectations (1.44)
- ▶ Teacher credibility in eyes of students (0.90)
- ▶ Providing formative evaluation to teachers (0.90)
- ▶ Feedback (0.75)
- ▶ Reciprocal teaching (0.74)
- ▶ Teacher-student relationships (0.72)
- ▶ Metacognitive strategy programmes (0.69)



How does Cambridge fit in?



Cambridge Professional Development

We offer a number of different training and professional development opportunities for teachers according to their experience and needs, grouped under three different categories:



Cambridge Professional Development Qualifications (Cambridge PDQs)

Cambridge PDQs help teachers and leaders to:

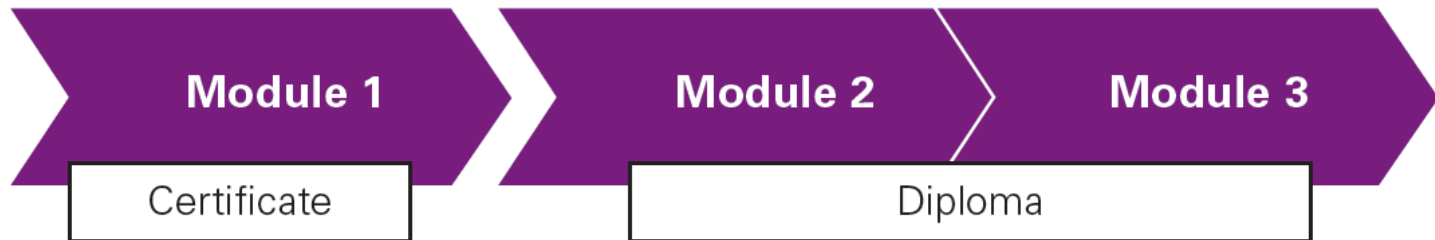
- ▶ engage critically with relevant concepts, principles, theories and international best practices
- ▶ apply new ideas and approaches in reflective practice
- ▶ evaluate experiences and outcomes to plan further development
- ▶ improve the quality of their teaching and leadership to enhance the quality of their students' learning.



Cambridge Professional Development Qualifications

Cambridge PDQs cover four themes, available at Certificate and Diploma in each area:

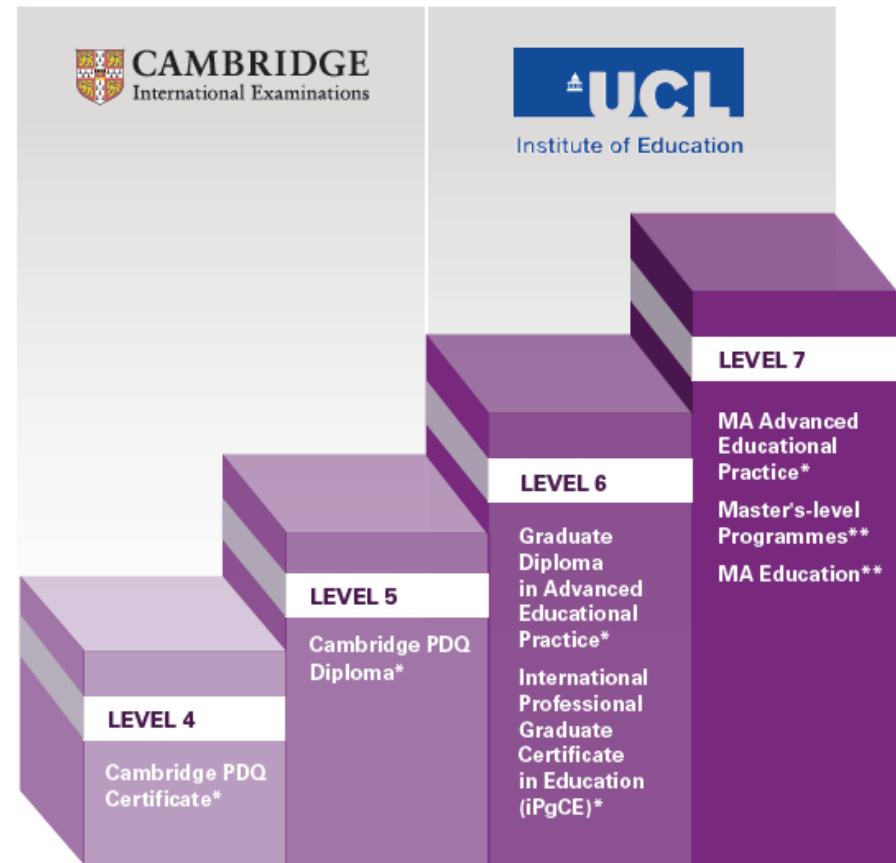
- ▶ Teaching & Learning
- ▶ Teaching Bilingual Learners
- ▶ Teaching with Digital Technologies
- ▶ Educational Leadership



Cambridge and UCL Institute of Education (IOE) working together

Cambridge PDQs are recognised by the IOE, providing opportunities for progression.

- ▶ Cambridge PDQs have clear value within established higher education frameworks
- ▶ Authorities and institutions around the world can recognise how Cambridge PDQ qualifications relate to local requirements.

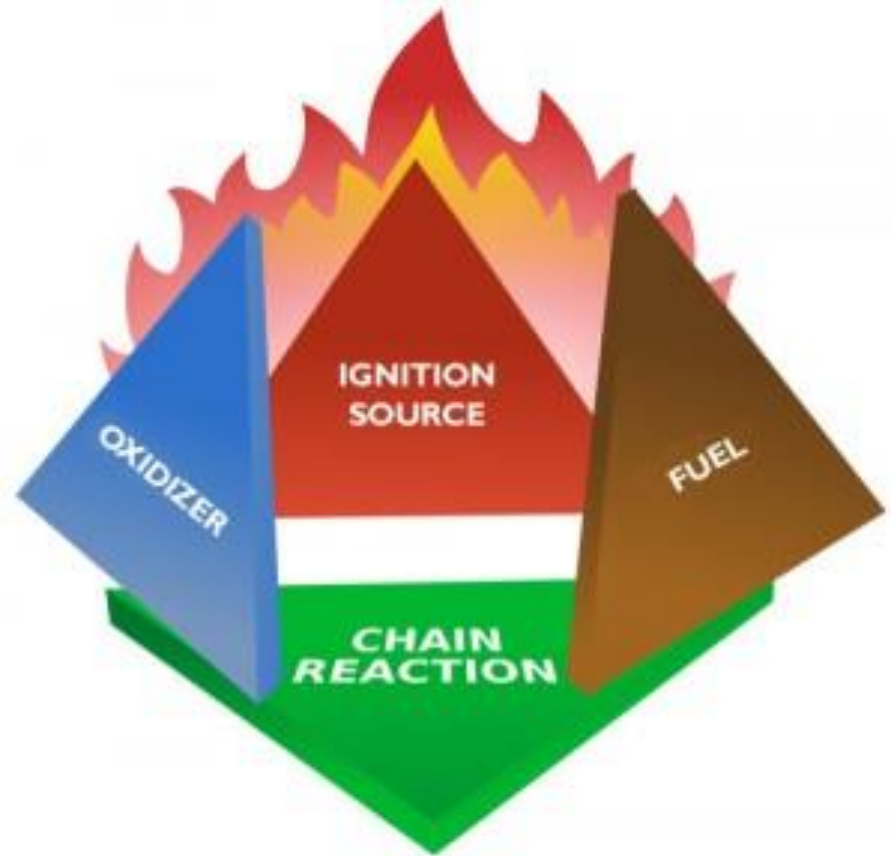


Cambridge PDQ Certificate and Cambridge PDQ Diploma are accredited by the IOE when submitted in English.

There is more...

- ▶ Online training
- ▶ [Educational briefs](#)
- ▶ [Getting started with...](#)

From fire triangle to tetrahedron





Thank you!

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