

The logo for Design Council, featuring the words "Design" and "Council" stacked vertically in a white, sans-serif font, centered within a solid red square.

**Design
Council**

1904: the classroom of the future



2004: the classroom of today



Key issues

- Government has promised £5 Billion per year for schools rebuilding programme
- 10-15 year commitment
- Every school in England will be rebuilt or refurbished
- Movement from teaching to learning

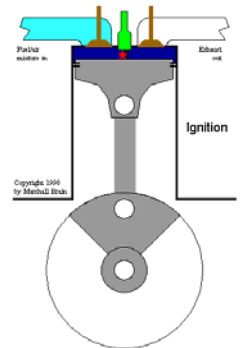
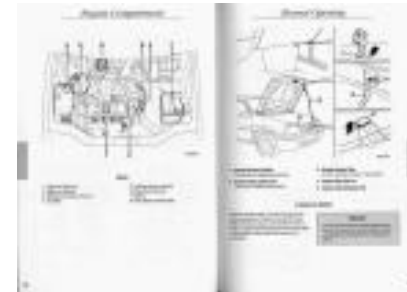


Key issues

- £1 Billion spent annually on school furnishings
- 83% of classroom interiors can be moved
- Children spend at least 14,000 hours sat down at school
- Teachers receive little or no training on hydration, ergonomics, acoustics etc



- Visual (60%) – videos, instruction manuals
- Auditory (35%) – lecture, discussion groups
- Kinaesthetic (5%) – take it apart and put it back together again
- Do exams serve the needs of ALL students?

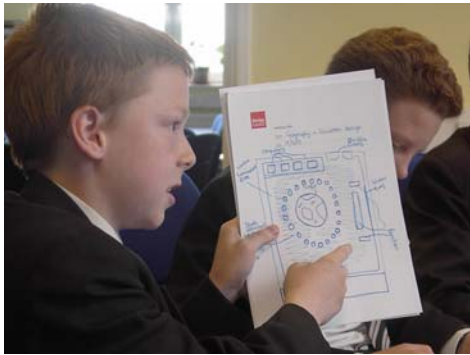


Supporting students as lifelong learners

- Schools are only in use for 8% of the year. This will change
- Learning is about men's health, baby care, budgeting and social skills
- No-one who is at primary school today will use any of its technology in the world of work
- Different learning styles require new technologies



Creating a flexible classroom



Understand issues

Short concentration span
Physical activity
Recognition/praise



Create opportunities

Vary activities frequently
More active tasks
Demonstrate work

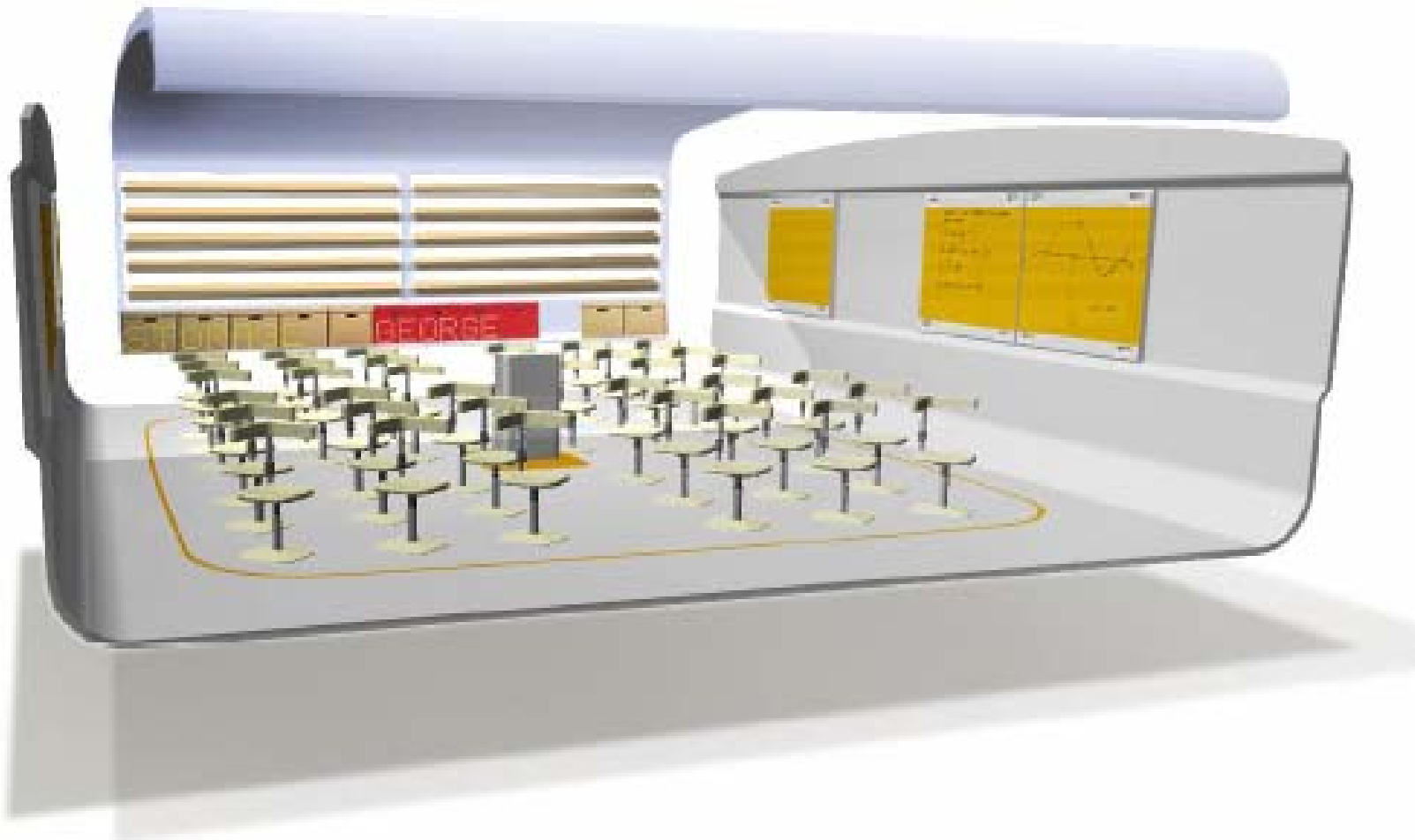


Prototype solution

Flexible classroom:
360 degree display
Easy-change layout
Demonstration desk

A great idea... but could it happen?

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The classroom of the future, today



Transforming learning by learning lessons

- Users experience the whole environment – buildings, furnishings and lesson plans
- Flexibility means change *during* lessons, support for a 60 year age gap in users and different learning styles
- Value is not the same as cost – better posture equals better learning and lower NHS costs



