



Literacy KS 3

Design & Technology KS3

Room Changer

The government has decided to fund all schools to allow them to install a core curriculum learning environment, which they see as a basic classroom of the future . They have distributed a design framework for schools to follow but each school must make the framework relevant to its needs Your task is to submit a design for this project .

1. Read the extract from the government framework carefully.

'The space used must be adequate for 20 students to study comfortably. It must have suitable furnishing and resource space for the teaching of all areas of the curriculum except P.E., Drama, Music, Design Technology and Art. Funding will be made available for these areas of the curriculum separately and at a later date. All students must have access to computers with Internet access. The décor must encourage a stress free but stimulating environment. The design must show consideration of space and divisions of space, distances, proportions, materials, surfaces, sounds and temperatures.'

2. As the design must be relevant to your school you will need to research and collate information about the teaching areas used for English, Maths, Science and the Humanities.

What sort of resources and space will these subjects require?

How can you adapt one room to suit the teaching of all these subjects?

Does your school have a maths base or a science lab?

Will you incorporate this in your space or will you rely on computer software to enable the teaching of practical work?

How much will technology help save space? [T.V., Video, DVD, CDs laptops etc.]

How will you organise the furniture to suit the teaching of all the subjects?

How will you use colour and lighting?

Where in the school would you situate this classroom?

Would you build it as a separate extension or is there a poorly used area in your school which could be used more positively?

3. Present your design brief in the form of computer generated plans, sketches and written explanations.