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This video link is a great introduction to the Year 1 Science topic 'Everyday Materials'. It looks at some of the main Everyday Materials and explains where t...

## ~~Year 1 Science — An introduction to the Science topic ...~~

Composite materials consist of two main materials.

1. Reinforcement (Strong load carrying material) EX: aramide, carbon, fiberglass  
2. Matrix (imbedded weaker material) EX: polypropylene, polyvinyl chloride etc. Composite Materials offers  
1. High Strength  
2. Light Weight  
3. Design Flexibility • Transfer Load to Reinforcement  
• Temperature Resistance • Chemical Resistance • Tensile Properties  
• Stiffness • Impact Resistance

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