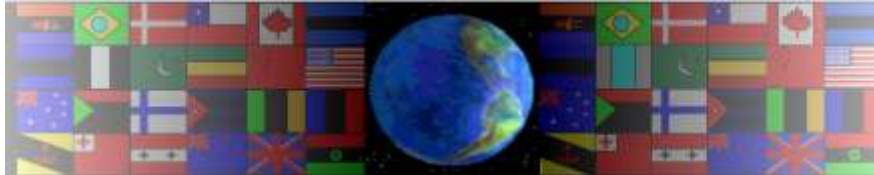


FURTHER QUESTIONS AND ANSWERS ON SMART MATERIALS

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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FURTHER QUESTIONS AND ANSWERS ON SMART MATERIALS

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1. Explain what is meant by the term 'smart material'.

2. Name a smart material and name / describe a product in which it is used.

SMART MATERIAL: _____

PRODUCT / DESCRIPTION: _____

3. Explain why the smart material you named is used in the product.

4. Describe / explain the following smart materials:

HYDROCHROMIC INKS: _____

POLYMORTH: _____

SHAPE MEMORY ALLOYS (SMA): _____

HYDROMORPHIC POLYMERS: _____

HYDROCARBON ENCAPSULATING POLYMERS: _____

AROMA PIGMENTS: _____
