

MATERIALS AND PROPERTIES (QUESTIONS)

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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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MATERIALS AND PROPERTIES (QUESTIONS)

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Describe two physical properties, of each material listed in the table below. The properties must be relevant to the specific product.

You may wish to consider the product's function, aesthetics and manufacture.

MATERIAL	PRODUCT
a. Carbon Fibre Reinforced Polymer (CFRP)	Tennis Racquet
b. Concrete	Garden Ornament
c. Liquid Silicon Rubber (LSR)	Mobile Phone skin/cover
d. Beech	Chopping board
e. Titanium	Wrist watch strap and casing

A. Carbon Fibre Reinforced Polymer (CFRP) - Tennis Racquet

PROPERTY 1: _____

RELEVANCE TO PRODUCT: _____

PROPERTY 2: _____

RELEVANCE TO PRODUCT: _____

B. Concrete - Garden Ornament

PROPERTY 1: _____

RELEVANCE TO PRODUCT: _____

PROPERTY 2: _____

RELEVANCE TO PRODUCT: _____

C. Liquid Silicon Rubber (LSR) - Mobile Phone Skin/cover

PROPERTY 1: _____

RELEVANCE TO PRODUCT: _____

PROPERTY 2: _____

RELEVANCE TO PRODUCT: _____

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D. Beech - Chopping board

PROPERTY 1: _____

RELEVANCE TO PRODUCT: _____

PROPERTY 2: _____

RELEVANCE TO PRODUCT: _____

E. Titanium - Wrist watch strap and casing

PROPERTY 1: _____

RELEVANCE TO PRODUCT: _____

PROPERTY 2: _____

RELEVANCE TO PRODUCT: _____
