# Learner Self-reflection – 24355 (v3) Demonstrate knowledge of construction and manufacturing materials used in BCATS projects

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| Student name: |

1. What is the most common exotic timber that is grown in plantations in New Zealand?

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1. Name 2 types of New Zealand native timbers that can be used for high-quality furniture.

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| 1.  2. |

1. Name an imported timber that can be used for decking and outdoor furniture.

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1. List 3 types of timber that are commonly used for woodturning.

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| 1.  2.  3. |

1. Describe the effects of moisture on MDF.

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1. Name a lightweight expanded plastic that is used for insulation in houses as well as for buoyancy in boats.

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1. Name a commonly used metal that can be easily joined by welding.

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1. List 2 materials that could be used for the walls of a dog kennel.

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| 1.  2. |

1. List a hard, transparent material that can be manufactured to be noise-resistant, flat or curved, polished or textured surface and even bulletproof.

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1. Name the plastic sheet material that is commonly used as a waterproof membrane under concrete.

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1. What are the 3 main materials that make up concrete?

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| 1.  2.  3. |

1. What is the function of a primer coat when painting?

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1. Identify 3 methods that are commonly used to apply a paint finish.

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| 1.  2.  3. |

1. Name 2 types of polishes and state the advantage that polish has over oil finishes.

Polish 1:

Polish 2

Advantage compared to oil:

1. Name 2 types of varnishes, briefly stating an advantage of each one.

Varnish 1:

Advantage:

Varnish 2:

Advantage: