# Activity 3 – 24360 (v2) Demonstrate knowledge of timber and other construction materials used in BCATS projects

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| **Student name:** |

1. Name 3 conditions needed for seasoning timber.

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| 1.  2.  3. |

1. Why should the longest lengths of timber be positioned at the bottom of the stack?

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1. Why should fillets be placed between the boards when seasoning?

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1. Describe the effects on the timber if the fillets are not vertically aligned.

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1. Identify 3 advantages of kiln seasoning over air seasoning.

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| 1.  2.  3. |

1. Identify 2 methods used to determine the moisture content in timber.

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| 1.  2. |

1. Complete the following sentences:

Equilibrium Moisture Content (EMC) is reached when the moisture

Most shrinkage of timber will occur in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Shrinkage will start to occur when timber has reached its Fibre \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ which is 25 to \_\_\_\_\_% MC

1. Describe the consequences of using timber with a moisture content of 25% to construct a cabinet.

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