**Conversion of Wood**

**Lesson 1**:

* This topic really began on the day of the field trip when the teacher will have discussed briefly how a tree makes the journey from the forest to the woodwork room. This lesson begins by begging that exact question. A graphic organiser is created on the board in the form of a timeline and the students tell the teacher everything they know about the journey this piece of wood goes on.
* Next the students are split into 6 groups, two with three students two with four students. The three methods of timber conversion are divided out between the six groups. They must return then to their groups and teach their groups about the method they looked at.
* The homework assignment will be based on the work completed in class that day where the students must complete a worksheet about timber conversion.

**Lesson 2:**

* The next day the two groups that studied similar methods of conversion join up and create questions for the other groups.
* The group must then ask the other two groups the questions with the intention of catching the other groups out with their superior knowledge. The scores of the two teams are added up and the rotation happens where the other group asks questions on their topic. The final group does the same thing. The group which manages to get the other groups to get the highest number of questions wrong wins the task and has homework off.
* The homework assignment consists of a piece of reading focusing on the three methods of conversion.

**Lesson 3:**

* Next class the students play a decisions, decisions game. During this game the students must decide which method would be best for the application, for cost, time efficiency etc... This is a good way of teaching about the advantages and disadvantages. They must also play the same but different game which groups different methods together based on one set of circumstances, but separates them when given a different set of circumstances. The students must justify their selections.
* The main justification of this which shows understanding comes at the end of the class when the teacher creates a huge graphic organiser based on the work and information the students gathered during their time studying this material.

**Lesson 4**

* From this point on the students will be tying the whole process of how a piece of wood comes from being a tree to being a piece of usable timber by writing a story about it. The lesson begins by a discussion on what happens during this process. The teacher puts up a number of steps which act as a plan for the story the students are going to write about the journey the piece of wood will go on from the forest to the workshop.
* The students begin writing the story of how the wood travels from the forest to the workshop and the processes it goes on along the way. They leave out the part of the story which deals with drying the wood.