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**Project Plan: Timber Engineering UK and DYW Competition**

**Project Overview: Timber Transformation – Eco-friendly house building competition.**

* **Objective:** To run a competition for Year 2 and 3 students in schools across Dundee, Angus, and Perth, where classes build an eco friendly house using a timber frame kit that they think is most needed in their area. There will be two phases to this project, stage 1 will see the schools compete with other schools in their local authority area. Stage 2 will see the winning school of each area compete for a regional prize.

We will target schools through their Craft Design Technology and Social Education teaching staff.

Stage 1 - Timber Engineering UK will supply the kit along with video instructions for the classes to build the superstructure of a house which they feel their local area needs more of. Whilst we provide the basics of a frame we encourage the classes to use their imagination and use what they have around them to make their house really stand out. The frame must have spaces for windows and doors and be structurally sound. Along with the frame they have to provide either a written or video presentation giving us an overview of their house, what makes their house eco-friendly and why they chose to build this house.

Stage 2: The second stage of this project will see the winner in each area invited along to the Timber Engineering Factory to present to the owners more about their house. If they choose to, they can add one more eco friendly element to enhance their house. This presentation will be a follow on from stage 2 and will now include information such as how much they will sell their house for, who their target market will be and more detail about the energy efficiency of their homes. We want to know why they chose their clean heat sources, and the impact this will have on their carbon footprint and the benefit for the family living in the home.

**Timeline**

* **Launch to schools – Monday 13th January**

**Closing date for entries – Friday 31st January** (All entries are to be submitted to Caryn and Morgan)

* **Potential extra week push for number – Friday 7th February**

**(all materials to be distributed to schools prior to competition starting)**

* **Competition starts – Monday 3rd March** (2 week holiday period accounted for)
* **Competition closes and Video Submissions due – Friday 25th April**
* **Judging Panel review video submissions – Monday 28th April**
* **Stage 1 winners announced – Wednesday 30th April**
* **Stage 2 starts – Thursday 1st May**
* **Final presentation at factory – Friday 30th May (10am to 1pm)**

Final presentations, winners announced, tour of factory and pizza lunch

**Judging Panel**

Mike Pratt - Founder

Eddie Wighton - Founder

Caryn Gibson – Business Ops Manager

Ed Wighton – Factory Manager