Work Breakdown Structure Exercise

Each group must choose from one of the following small projects:

**Projects:**

* Organise an event (night out or birthday party)
* Decorate bedroom
* Build a shed for the garden
* A project of your choice? Run it by your lecturer first 😊

Once the group has discussed and decided on a project each group must:

* Produce a WBS list (include work packages / tasks)
* Produce a Resource list to include activity, name of resource, duration and cost.

At least one member of the group should fill in the tables below and upload to ‘WBS Exercise Submission’ on canvas.

**WBS List**

Project Name: Building a shed

|  |  |  |  |
| --- | --- | --- | --- |
| **Stage** | **Activity (description)** | **Duration (mins, hours, days)** | **predecessor** |
| **1.Prepare ground** |  |  |  |
| 1.1 Clear Garden Space | Ensure the area where shed will be built is clear | 10 mins | N/A |
| 1.2 Remove turf | Remove grass | 30 mins | 1.1 |
| 1.3 Flatten Ground | Ensure the ground is level | 30 mins | 1.2 |
| 1.4 Lay Foundation | Pour concrete and let is set | 1 Day | 1.3 |
| **2. Build Shed** |  |  |  |
| 2.1 Gather Materials for Shed | Get wood, hammer, nails and blueprint | 30 mins | 1.4 |
| 2.2 Construct shed | Build the shed | 3 hours | 2.1 |
| 2.3 Weather proof | Stain the wood and add bitumen roof | 2 hour | 2.2 |

**Resource List**

|  |  |  |  |
| --- | --- | --- | --- |
| **Activity** | **Resource Name** | **Duration** | **Cost** |
| **Planning and construction** | **Me** | **Entire project** | **N/A** |
| **Remove Turf** | **Spade** | **30 mins** | **£20** |
| **Flatten ground** | **Spade, Spirit level** | **30 mins** | **£10** |
| **Lay foundation** | **Concrete, wood** | **1 day** | **£70** |
| **Gather Materials** | **Wood, Hammer, Nails, Blueprint** | **30 mins** | **£25** |
| **Weather proof** | **Wood varnish, brush, bitumen roof, hammer, nails, Stanley knife** | **1.5 hours** | **£30** |

**Once complete upload to canvas ‘WBS exercise submission’.**