**Team roles and responsibilities**

All of your team members are engineers today but often engineering teams need someone to be responsible for certain parts of the product construction of to take on other responsibilities to make sure they get the job done. Which roles do you think your team should have and who is best in your team to take these on?

**Project manager** –will manage the project and will need to:

* Check out the assessment information so your team scores maximum marks.
* Make sure the team is working together effectively and that both prototypes are built.
* Keep your team’s Planning and Reflections sheet up to date or delegate this to a team member.

**Accountant –** will manage the budget for your idea and will need to:

* Decide what materials need to be bought and do the buying.
* Keep accurate records of what has been bought and sold back to the shop.
* Be the expert on the prices of all the materials and advise which are best to use in terms of their cost.

**Concept engineer –** responsible for innovative and creativity and will need to:

* Lead the team in developing the concept of your products.
* Ensure that the engineering skills of the team are used effectively.

**Mechanical Engineer** – responsible for the mechanics of your prototype and will need to:

* Consider how to use the resources available effectively and in the most cost-efficient way.
* Work closely with the electrical engineers to ensure the electrical circuit(s) fit within your transfer system.
* Consider how to transport the lighthouse keeper safely.

**Safety officer** – responsible for the safety of your team and will need to:

* Monitor the working conditions of your team to it remains tidy and everyone is safe.
* Advise on any health and safety issues arising.

**Electronic engineer** – responsible for the use of electronic components and will need to:

* Decide how to use the resources efficiently and consider more cost-effective alternatives where available.
* Consider how to manage the voltage in your circuit effectively.
* Ensure you connect your circuit in a way which is both safe and efficient.
* Work closely with the mechanical engineers to ensure the transfer system works with your electrical design.

***Teamwork is key to success (and key to being a good engineer)!***