Team roles and responsibilities

All of your team members are engineers today but often engineering teams need 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 as one and that both ideas are in the same theme.
- 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.

Performance engineer – responsible for performance and will need to:
- Check the performance of your products throughout the development period to ensure they work effectively and as intended.
- Guide the team in making good decisions about the materials you will use to build the products and the ways in which you will use your budget.

Environmental engineer – will understand the environment your products will need to work in and will need to:
- Research the environments your products may encounter, including weather conditions, and guide the team in developing ways to manage these effectively.

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:
- Read the guidance on using the micro:bit on the back of your team number.
- Read the 'How to sheets' relating to any electronic components to ensure these are used safely and correctly.

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