

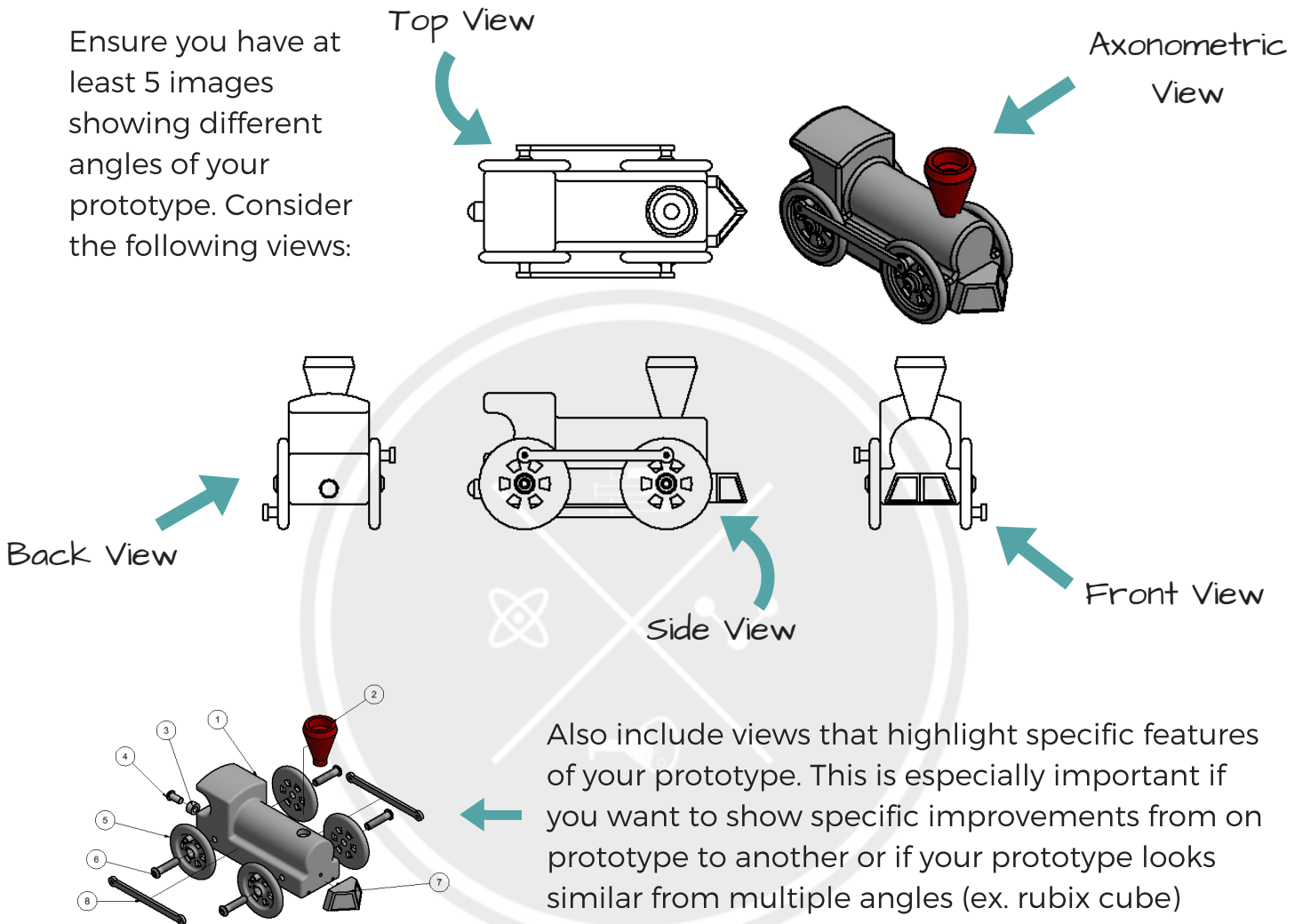
Project Progress Report (sample)

SAMPLE PROJECT.

Students make homemade trains that can move the furthest along a level floor.

Images

Ensure you have at least 5 images showing different angles of your prototype. Consider the following views:



Also include views that highlight specific features of your prototype. This is especially important if you want to show specific improvements from one prototype to another or if your prototype looks similar from multiple angles (ex. rubix cube)

What I made

{Write a paragraph detailing what you made (include key features)}

For example:

"For our first prototype, we made a train using parts from LEGO technics kits for the frame along with balsa wood panels and cardboard for surfaces. The wheels were also taken from the LEGO kits. To attach cardboard and balsa to the LEGO frame, we used masking tape. To connect balsa and cardboard together, we used modeling glue."

Project Progress Report (cont'd)

Data & Observations

Qualitative	Quantitative
<ul style="list-style-type: none">• the wheels of our train were not aligned; therefore, the train wobbled back and forth when moving forward• cardboard came off easily from the LEGO frame due to a lack of stickiness between cardboard and frame	<ul style="list-style-type: none">• train moved 30m in 20s. The average velocity of the train was $30\text{m}/20\text{s} = 1.33\text{m/s}$• train has a mass of 275 g.

Reflections

{A paragraph written in CER format explaining what you will do next time to gain an advantage for the next competition.}

For example:

"The train will move straighter and faster by changing the wheels and using duct tape to attach cardboard to the frame. According to our observations, the major issues affecting the movement of the train was alignment and the sturdiness of the structure. Poor alignment caused a loss in momentum going forward. With the train coming apart due to a lack of stickiness between cardboard and frame, the loose cardboard produced a greater area one which air resistance could act. By changing the wheels to CDs and using a stronger adhesive, the issues should be resolved and the train should move straighter."