

Classroom Management Tips

For Simple and Powered Machines

During Class

- Have the students use the lid of their set as a working tray.
- Use a jar to collect stray pieces.
- Make adjustments in order to challenge the students who are ready to improve and develop new skills.
- Allow time for students to use the self-assessment rubric when they are done with the activity.

After Class

- Plan to stop the lesson with enough time to allow the students to tidy up.
- If you did not finish the activity, store the LEGO® sets and the models so that they are ready for the next lesson.
- Evaluate the lesson.

How much time do I need?

A 90-minute class period is ideal to be able to explore, build, and test in depth all the extension ideas built into the material and for the students to make any creative variations of their own.

How do I handle the building instructions booklets?

For easy classroom management we suggest storing the building instructions booklets in separate plastic folders in binders so that they are at hand and ready to use at the beginning of each lesson.

You can also ask your students to download the building instructions booklets and save them to their devices.

What's needed in my classroom?

Tables may be pushed aside to let models roll across a smooth floor. A desk fan may be needed to make a breeze, hair-dryers to make land yacht races, etc. Ideally, a computer or computers should be available for students to explore the Jack and Jill animated activity briefings.

Students need to be able to construct in pairs facing each other or side-by-side. It is also an advantage to have a cupboard or shelves to store the sets lying flat with any unfinished models on top of them.

