



Classroom Management Tips

For Early Simple Machines set

During Class

- At the beginning of the first lesson, allow the students some time to get to know the LEGO® brick set.
- Use a box 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.
- Label the boxes so that you can recognize which box belongs to which student(s).
- Plan to stop the lesson with enough time to allow the students to tidy up.

After Class

- 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 is needed?

Each activity can be carried out within one lesson. A double lesson is ideal for more in-depth investigations of the key learning area(s) and to allow students to make creative model variations of their own.

For the advanced (open-ended problem-solving activities), students may need more time to build and explain their models.

How do I organize the building instructions?

For easy classroom management we suggest storing the building instructions either in a separate plastic folder or directly in the boxes so that they are at hand and ready to use at the beginning of each lesson.

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 create a breeze, boxes may be needed for a ramp, etc.

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 where you can store the sets lying flat with any unfinished models on top of them.