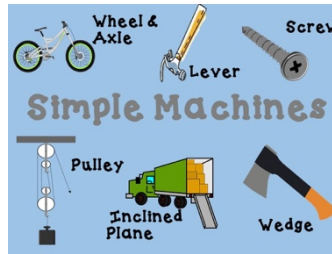




A day to day lesson plan for Parents of children between grades K – 2

Explore the day with the simple machines



Lesson’s objectives

Children will learn about simple machines, read a book, build a model, evaluate, record the test results.

Estimated Time

Activity is split into different stages. Each stage will engage the child for at least 45 mins. Total estimated time is 2hrs 30 mins.

Activity Details (Instructions to Children)

Stage 1 (45mins): Understanding all about simple machines.

Watch this video - <https://www.youtube.com/watch?v=aoXnhyY5RTk>

- Do a treasure hunt around the home to find 5 things that use simple machines.
- Draw in your journal, what you see one of those machines doing
- Imagine what you would like to do with that simple machine.

Stage 2 (45mins): Build a model of a simple machine - Slide



<https://www.youtube.com/watch?v=3COvm0TtxWg>

- Look around the house, find a cardboard box and build a Slide that you can use to make your toys slide.
- Once it is built, pick 5 toys (you can pick more too) that you would like to slide down.
- On a sheet of paper, write down the list of toys you are trying to slide.
- Tally marks are a way to keep count on how many times a toy has been able to slide down. Against each toy, use tally mark to show how many times you made the toy slide.

1		6	
2		7	
3		8	
4		9	
5		10	



- Try answering these questions –
 - How many total toys did you try to slide down?
 - How many total times did you try to slide each toy?
 - Were there any toys that didn't slide? Why?
 - Which toy slid perfectly? Why?
 - Which was the heaviest toy that you tried to slide?
 - Which was the lightest toy that you tried to slide?

Stage 3 (45 mins): Read & Reflect

- Read a book on playgrounds - <https://www.uniteforliteracy.com/unite/friends/book?BookId=82>
- Do you like to go to the park?
- Who do you play with?
- What are your favorite things to do at the park?
- If you are asked to build a park, what would you like to have in it?
- Imagine and draw a picture of the park you want to build.

More Resources on Simple Machines

[Examples & Flash cards](#)

[Video Playlist of all Simple Machines by Sci Show](#)

[Make a Mini book and color](#)

[Sorting activity](#)