



Activities at Home
Terrific transformations

Dear Parents,

The activity for week: 3 is: **Reversible, irreversible**

The activity we will be covering involves:

- Watching the story of a transformation with the use of visual props
 - Discuss what changed in appearance and what triggered the changes
 - Discuss if the changes can be reversed and by what method creating curiosity and giving them the opportunity to investigate and find out for themselves
 - Develop their vocabulary by introducing new words such as melting, evaporation, freezing, solidifying.
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Our activity includes:

We start by watching the transformation on our IWB. As we go through the story we will make sure we bring to the attention of the children the different forms of materials they might have noticed in the story such as solids which are hard and liquids that are like water and gases which could be in the form of vapour. We talk about how different things change their form when we either heat it or freeze it such as ice and water or in case of cooking how something might melt when heated up or solidify when frozen. We will question them to see what their thoughts are about reversing this effect. Can water turn into ice again? Can bread turn into toast and vice versa. Through a carousel of activities we invite the children to investigate these changes. They will experiment to make toast using a toaster (which will be supervised by an adult). They will mix flour and water to make dough. They will melt ice using salt and they will also be able to see how we can use water and freeze it again to make ice. The aim is to build their curiosity and help them experiment to see the changes for themselves and question their thoughts. This activity will also encourage many conversations and we shall build on this by adding new words to enhance their vocabulary such as freeze, melt, heat, evaporate, matter, changes in matter.

You might wish to help your child to explore this topic at home. Please feel free to approach the teachers for further explanations.

Our suggested activities are:

- Experiment at home to change the different forms of matter and let the children experiment to see how they can be reversed, or can it be reversed? Build curiosity amongst them and help them investigate.
- Cook something together and let the children observe how the ingredients change form when mixed, warmed or cooled.

