

Sequences

Overview

Every day you do certain actions that need to be completed in a certain order. For example, think about the process of brushing your teeth. What do you do first? And what do you do next? It wouldn't make sense for you to put the toothpaste on your toothbrush *after* you brush your teeth, would it? It is necessary to carry out certain steps in a specific order, otherwise it just doesn't make sense, and your teeth do not get cleaned.

Brushing your teeth is an example of a sequence. A sequence is an action that is made up of smaller steps that are completed in a specific order. Another great example is baking cookies. For the Tangram Activity, we baked cookies and decorated them. It wouldn't work if we put the frosting on the cookies before we baked them, right? And it is important that we follow the steps in the correct order: preheat the oven, make the dough, roll it out, cut out the shapes, place the cookies on the pan, bake the cookies, let them cool, and then frost them. There are so many steps! And all of the steps must be carried out in the correct order. This is the significance of sequences, and if you think about it, you will notice that you are performing sequences every day.

For this activity, we are going to plan a party! We could all use a bit of fun, and this is a great way for young ones to get involved with some planning and celebration.

We will explore how we can create a plan by mapping out a sequence of events. And creating the sequence for our party is just one small part; the fun part is enjoying the party!

Sequences

Throw a Party!

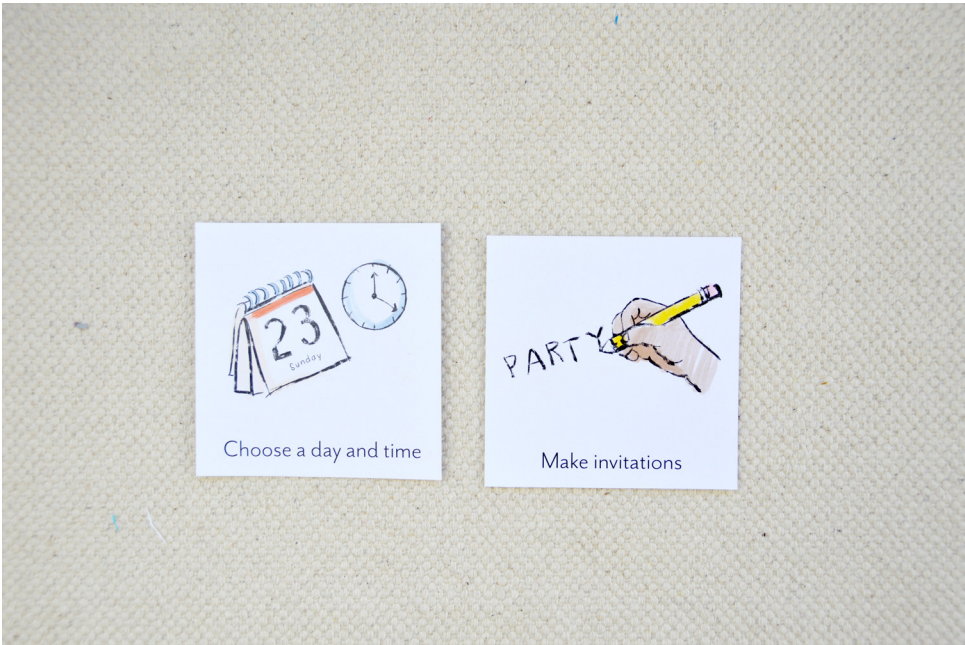
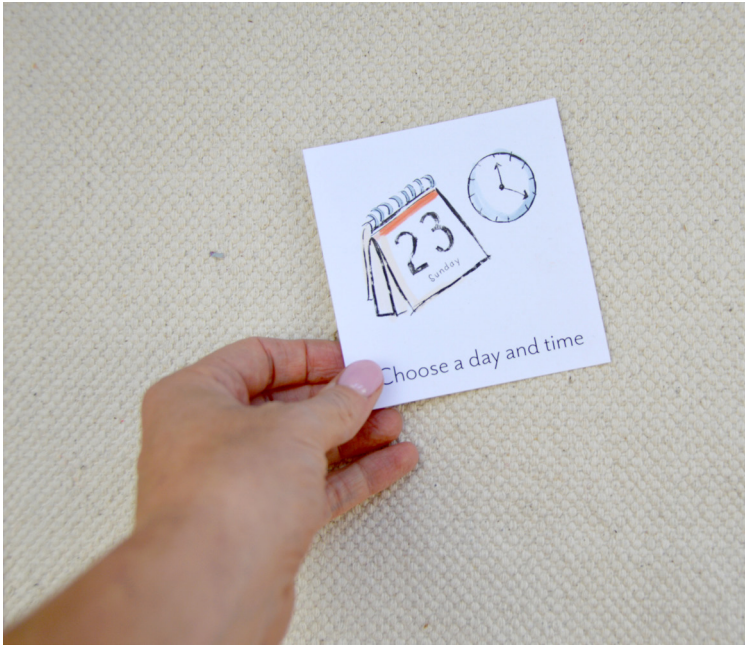
Materials

- print the Sequences Template PDF
- cut out the cards on the template
- set up a spot on the floor or the table, free of clutter, and arrange the cards randomly, face up.

Steps

1. *Imagine you are going to throw a party...How would you plan it?*
 2. Today we are going to learn about sequences. Sequences are actions that contain smaller steps that must be completed in a specific order. *Can you think of an example of a sequence?* (Brushing your teeth, making the bed, making a peanut butter and jelly sandwich, getting dressed to go outside, baking, growing a garden.)
 3. Show the cards to the child; explain: these are some of the steps we will follow to plan our party. *Which one do you think we should do first? Why?*
 4. *Which one do you think we should do last?*
 5. Collaborate with the child, depending on their age, to determine the correct sequence for planning the party. Are there more than one sequences that make sense for our party?
- TIP: There are blank cards in the template to create additional steps
6. Now that we have put these actions into a sequence, let's throw a party!





We can combine some of our previous Learning at Home activities for our party...

Make a Party Snack:

Make tangram cookies from Tangrams

Play Music:

Make your own instrument from Waves

Dance:

Create new dance moves from Dance Patterns

Decorate:

Create decorations from Mobiles, Tessellation, or streamers adapted from Loops

Make Invitations:

Use a secret code to make special invitations with Encryption

