

Area of Maths: Early Learning Goal Projects

Skill: Motty's Birthday Party

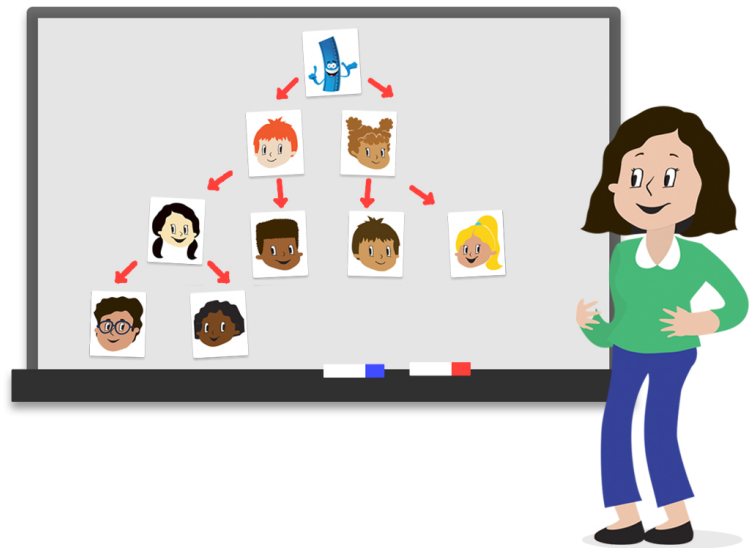
YOU WILL NEED...

Resources:

There are downloadable resources available to accompany this lesson.

Equipment:

1 hoop per group



Instructions:

This activity is split into 2 parts

Part 1:

1. Talk to the children about who likes to have parties in the class and what they know about them. Use key words such as invitations, games, food, party bags etc.
2. Put Motty at the front of the room. Tell the children Motty is allowed to invite 3 people to his party. Ask 3 children to come to the front and stand in front of Motty. Ask the children how many are coming to the party.
3. Explain that those people are allowed to invite 4 people each. Ask each of the new children to choose 4 friends. When they have chosen, count how many are coming to the party.
4. The new children are allowed to choose 2 people each and then count again (change the numbers to include all the children if some are going to be left out).
5. Stick a picture of Motty at the top of the board and repeat the activity, sticking the pictures of the children to the board, showing the children how the number would increase using a tree diagram; count the numbers at every step. This works best when you can use pictures of the pupils, however, if this isn't possible we have provided a collection of faces to use as an alternative.

We are now going to take this learning into a larger activity area.

Part 2:

1. Put the children into groups. Place a set of resource cards in separate hoops about 5m away from



each group.

2. Ask one member from each group to run and retrieve the picture of Motty. Place that on the floor.
3. Teacher says, "Motty has invited 2 guests to his party".
4. Another child runs to retrieve that amount. Ask them to discuss how many people are at the party and how do they know.
Teacher says, "Motty's guests invited four guests each."
5. One child runs to retrieve that amount, then another until each person has the allocated number of invites. Discuss again how many people are at the party and how do they know.
Teacher says, "Those guests now invite three guests each."
6. One child runs to retrieve that amount, then another until each person has the allocated number of invites. Discuss again how many people are at the party and how do they know.
7. Ask them to draw their answer (This could be done with counters, rather than pictures) and write down the number of guests.

Teacher Tip:

- You could use pictures of your class, as they are easily recognisable for the children.
- Children may need some support once this becomes a practical running activity.
- Take the tree diagram into the hall as an aide memoire for the children. Alternatively leave it in the classroom with children completing the activity at tables, after they have done the physical standing part of the activity.

Differentiation:

- Fewer steps; smaller numbers of children.
- Support with writing the total number
- Provide a tree diagram template for some children.

