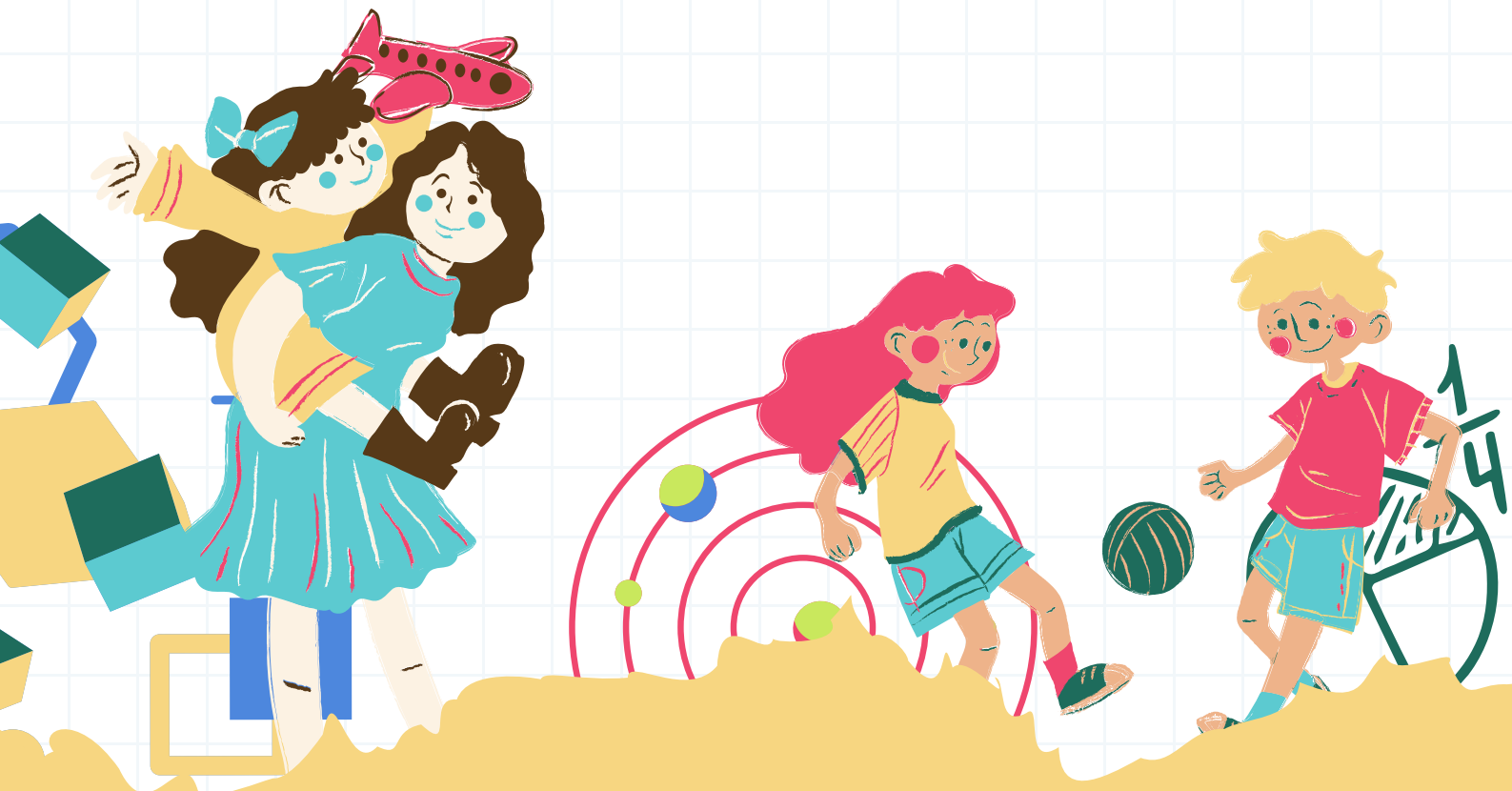


MATH&MOVE

PRACTICE SHEET

Fractions



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TOPIC: Fractions

DURATION: 15 - 30 mins

LEVEL: 1 (ages 6-7)

PARTICIPANTS: groups of 4-10 pupils

Note: You can begin the exercise with smaller groups of 4-6 pupils and then increase in size for the subsequent rounds.

**Required
materials
for this
activity**

- 1** 1 completely clear play area of at least 20-30 m²
to guarantee that pupils don't bump into or trip over each other
- 2** 1 upbeat dance song for the performing group to start moving together
such as the "Follow the leader" melody
(<https://www.youtube.com/watch?v=atvnnv-YCFOk>)
- 3** Action cards containing the movements members of the 'performing' group need to do:
stomp your feet, bounce an imaginary ball, wave both hands, sneeze without stopping, hug your body like you're freezing, climb a mountain, etc.

Stomp your feet

Bounce a ball

Wave both hands

Sneeze without stopping

Climb a mountain

- 4** 1 box/hat to place the action cards into randomly



Activity

INSTRUCTION AND DESCRIPTION OF THE ACTIVITY

Instruction

Learn about the parts of a whole by seeing if your class can identify the different movements you and your classmates do while performing as a group. Start by picking an 'action card' – this is the movement you will be doing in front of everyone with your group, but keep it a secret from others! Then, begin dancing to a song with your group, moving around together as a train. Once the music stops, it's showtime: start doing your movement – it might even be the same as someone else from your group. Keep moving until the rest of the class guesses the movements and how many children are doing them.

In a clear playing area, listen to your teacher describe what a 'whole' is: such as, all the pupils in a class, or an entire apple before someone takes a bite from it. Then, choose who amongst yourselves will be the volunteer group that will be dancing and moving. The rest of the class will be the guessers. If you've volunteered, draw an action card from your teacher and keep it a secret – this will be the movement you need to do once the music stops.



2

When all of the members of your group have picked an action card, the dancing can begin. Move together like a train to the beat of the song, until the teacher stops the music. Then, start doing your movement from your action card to the rest of the class who are the guessers.



3

As the performers are doing the movement, it's now time for the guessers to answer questions:

- "How many children are doing movements?" Count the number of children that make up the whole group of performers, such as 8.
- "Which movements can you see?" Name the different actions they're doing, such as stomping their feet, reaching to the sky, and bouncing a ball.
- "How many children are doing which movement?" Out of the whole group of pupils, count how many are doing which action – maybe 4 are stomping their feet and 1 is bouncing a ball.

The teacher will write down your answers on the board – pay attention to the numbers he/she writes!

FINAL STEP



Now make an overview about the movements as a class, such as "4 children are stomping their feet, 1 girl is bouncing a ball and 3 children are reaching to the sky".

Notice that even though they're doing different movements, they make up a whole group standing together.

Keep having fun with the movements for the next group of volunteers and increase the number of performers!