

Rakstar Edu: 50 Ways to Entertain and  
Educate Kids at Home for  
Free—activities that blend learning and  
fun across different subjects, perfect for  
families with multiple children aged 12  
and under!

# Math Activities

1. DIY Grocery Store: Let the kids price items from the pantry, create a shopping list, and “shop.” Use play money to teach addition, subtraction, and budgeting.
2. Measuring Marathon: Give kids a ruler, measuring tape, or string and have them measure objects around the house. They can compare lengths or estimate before measuring.
3. Fraction Pizza Party: Use paper plates or real pizzas to teach fractions by “cutting” them into halves, thirds, or quarters.
4. Estimation Jar: Fill a jar with items like beans or candies. Have the kids guess how many are inside and then count together.
5. Math Relay Race: Write simple equations on cards and place them around the house. Kids must solve the problems to move to the next “station.”

# Science Activities

6. Backyard Safari: Equip kids with homemade binoculars (toilet paper rolls) and have them observe insects, birds, or plants.

7. Sink or Float Experiment: Gather household items and test their buoyancy in a bucket of water.

8. DIY Volcano: Create a volcano with baking soda, vinegar, and a touch of dish soap for an exciting reaction.

9. Cloud Watch Journal: Have kids lay on a blanket, identify cloud types, and draw what they see.

10. Make a Mini Greenhouse: Use a zip-lock bag, damp paper towel, and seeds to create a greenhouse. Watch the seeds sprout!

# Art Activities

11. Nature Art: Collect leaves, twigs, or flowers to create art collages.
12. Recycled Creations: Turn cardboard boxes, bottle caps, and paper rolls into robots, buildings, or sculptures.
13. Sidewalk Chalk Mural: Create a family art piece on the sidewalk or driveway.
14. Salt Dough Crafts: Mix flour, salt, and water to make dough. Shape it, bake it, and paint it!
15. Color Mixing Lab: Use food coloring and water in clear cups to teach color theory.

# Language Arts Activities

16. Story Jar: Write random words (e.g., “pirate,” “unicorn,” “storm”) on slips of paper, pull a few, and create a story.

17. Family Newspaper: Have the kids write “articles” about their day, draw pictures, and share them with the family.

18. Word Scavenger Hunt: Hide word cards around the house. Kids collect and arrange them into sentences.

19. Create a Comic Strip: Let kids draw and write their own comic stories.

20. Read-Aloud Theater: Pick a book and have each child “act out” the characters as you read aloud.

# History Activities

21. Family Timeline: Make a timeline of your family's history using paper and markers.

22. Famous Figures Dress-Up: Choose historical figures and let the kids dress up using items around the house while learning about their lives.

23. Virtual Museum Tour: Use free online resources to explore museums like the Smithsonian or British Museum.

24. Create a Time Capsule: Fill a box with drawings, letters, and objects from today. "Bury" it to open later.

25. Historical Roleplay: Reenact a historical event like the signing of the Declaration of Independence or a medieval feast.

# Physical Activities

26. Obstacle Course: Create a course in the living room or backyard with pillows, chairs, and hula hoops.

27. Dance Party: Pick a playlist and have a family dance-off.

28. Balloon Volleyball: Blow up a balloon and use a string as the net for indoor volleyball.

29. Yoga Adventure: Guide kids through yoga poses while telling a story.

30. Follow the Leader: Add jumps, spins, or silly moves to this classic game.

# Cooking Activities

- 31. Make Your Own Bread: Let kids mix, knead, and bake a simple bread recipe.
- 32. Fruit Kabobs: Create patterns and practice fine motor skills by threading fruits onto skewers.
- 33. Pancake Art: Use batter to make shapes or letters in a pan.
- 34. Ice Cream in a Bag: Shake cream, sugar, and vanilla in a small bag inside a larger bag filled with ice and salt.
- 35. Homemade Pizza: Let kids roll out dough, spread sauce, and choose toppings.



# Geography Activities

36. World Map Adventure: Look at a map or globe and “visit” a new country by learning about its culture, food, or animals.

37. Create a Treasure Map: Draw a map of the house or yard and hide “treasures” for the kids to find.

38. Landform Diorama: Use playdough to make mountains, rivers, and valleys.

39. Flag Making: Research different flags and create your own.

40. Travel Bingo: Use free printables or make your own for virtual or imaginary travel games.

# Music Activities

- 41. Kitchen Band: Use pots, pans, and utensils to make music.
- 42. Learn a Song: Teach kids a simple song with hand movements or clapping.
- 43. Instrument Crafting: Make shakers with rice and plastic containers or rubber band guitars.
- 44. Sound Scavenger Hunt: Go outside and list all the different sounds you hear.
- 45. Freeze Dance: Play music, stop it randomly, and freeze in place!

# Social-Emotional Activities

46. Kindness Jar: Write kind actions on slips of paper (e.g., "Say something nice to your sibling") and draw one each day.

47. Gratitude Collage: Cut out pictures or draw things the kids are thankful for and make a poster.

48. Calm Down Bottle: Fill a bottle with glitter, water, and glue. Shake it and watch the glitter settle to relax.

49. Emotion Charades: Act out different emotions and have others guess.

50. Compliment Circle: Sit in a circle and have each person say something kind about someone else.

Thank you!