200+ Exciting Math Project Ideas for Exhibition

Number Fun and Counting Adventures

1. Make a big abacus with bright beads to show how we count.
2. Build number squares where each row adds up the same.
3. Use your friends to act like a big calculator for solving problems.
4. Make number patterns with pizza slices and pieces of fractions.
5. Stack blocks to show even and odd numbers in a fun way.
6. Create a number line hopscotch to play and learn math.
7. Make bright posters that show prime numbers up to 100.
8. Design a spinning wheel to help practice times tables easily.
9. Build shapes like triangles and squares using marshmallows and toothpicks.
10. Make a wheel that helps read Roman numerals from long ago.
11. Use real pizza to make pies that show parts of a whole.
12. Create number bingo games with fun math problems.
13. Build counting tools using bottles and tiny things from home.
14. Make clocks that show times in different places in the world.
15. Create board games with dice and number cards for math fun.
16. Make puzzles with calculators where buttons show special patterns.
17. Build number sorters with boxes and tubes to organize numbers.
18. Make memory games where you match the same numbers.
19. Draw counting books with pictures that show number groups.
20. Plan treasure hunts with math clues on the school playground.

21. Make dominoes with math signs instead of just dots.
22. Create art with numbers that follow cool patterns.
23. Make puppets that teach counting with fun stories.
24. Build number mazes where right answers help you get out.
25. Make pretty kaleidoscopes with number shapes that match on both sides.

Geometry and Shape Wonders

26. Build 3D models using cardboard and bright tape.
27. Make shape-finding games around your school or neighborhood.
28. Create art with circles and straight lines using a compass and ruler.
29. Build models of famous buildings using different shapes.
30. Make puzzles with repeating patterns in fun colors.
31. Use light to make shadow art that shows how shapes change.
32. Sew quilt squares and triangles to make shape patterns.
33. Make sorting games using big and small shape pieces.
34. Build robots with shapes as body parts like triangles and circles.
35. Plant a shape garden where plants grow in math patterns.
36. Make butterfly art that looks the same on both sides.
37. Create jewelry with beads in math patterns and bright colors.
38. Build tall shape towers and test which ones stay up the longest.
39. Make moving shape flipbooks to show animations with patterns.
40. Fold paper into neat shapes using origami.
41. Draw mazes using only triangles and squares.
42. Design house plans using math and shape ideas.
43. Cut paper to make snowflakes that show shape patterns.

44. Match shapes to real things like stop signs and pizza slices.
45. Create shape costumes to wear in a math fashion show.
46. Use clay to make sculptures with shape planning.
47. Make flipbooks that show how a square can change into a circle.
48. Play board games where you move by landing on shapes.
49. Make colorful pictures using tiny shapes like tiles.
50. Build music tools that work using shape sizes and math.

Measurement and Data Collection

51. Build a weather station to check temperature, rain, and wind every day.
52. Make height charts to compare how tall students and teachers are.
53. Use cups and spoons to measure and mix ingredients for cooking.
54. Track how you spend your time each day with a fun chart.
55. Measure distance using string and simple math steps.
56. Use a balance scale to compare weights of different objects.
57. Test how water changes when it gets hot or cold.
58. Time how fast toy cars move with a stopwatch.
59. Ask classmates about favorite foods and show the answers in a chart.
60. Measure how plants grow each week and write it down.
61. Use different containers to see which one holds more water.
62. Make a calendar that shows patterns in months and days.
63. Create an obstacle course to practice guessing and checking lengths.
64. Draw a school map and show how far places are using numbers.
65. Fill different containers to see which one holds the most.
66. Make clocks that show different ways to tell time.

67. Weigh classroom items using scales and make a chart.
68. Count which subjects kids like most and make a graph.
69. Make a thermometer that shows how weather changes in each season.
70. Go on a hunt using rulers and tapes to find and measure things.
71. Measure how much rain falls over a few weeks.
72. Compare two objects and show how they are different in size or weight.
73. Count your steps in different places using a step tracker.
74. Ask classmates about family size or pets and make a graph.
75. Build a tool to help measure corners and angles in shapes.

Algebra and Pattern Discovery

76. Use colorful blocks to make number patterns that follow a rule.
77. Build a machine that guesses the next thing in a pattern.
78. Make fun art with letters that stand for numbers.
79. Create a code game where you solve puzzles using math.
80. Play games that help you spot tricky patterns.
81. Do simple magic tricks using easy math ideas.
82. Go on a letter hunt where letters mean mystery numbers.
83. Use a scale to show how both sides of a math problem can be equal.
84. Spin a wheel to show how number patterns repeat.
85. Write story problems with characters who solve math puzzles.
86. Make a book that shows patterns in things like flowers or shells.
87. Have races where kids solve problems to move ahead.
88. Build a box that gives answers when numbers go in and out.
89. Draw pictures with repeating colors and shapes using a rule.

90. Solve puzzles that hide secret messages in math.
91. Make dances with moves that repeat in a math pattern.
92. Play games with objects to keep both sides of a problem balanced.
93. Write songs that repeat lines using math patterns.
94. Create a treasure map where solving math leads to the next clue.
95. Design clothes with lines and colors that follow a number rule.
96. Spin a wheel that shows what comes next in a pattern.
97. Make recipe cards where letters mean amounts to mix.
98. Plant flowers in rows that follow math patterns.
99. Play board games where solving math gets you ahead.
100. Use instruments that play music by following math patterns.

Statistics and Probability Games

101. Roll dice and count how often each number shows up.
102. Flip coins and make a chart for heads and tails.
103. Ask classmates fun questions and show answers in a chart.
104. Make a spinner to show which thing might happen more.
105. Play fair games where you guess what might happen.
106. Study favorite lunch items and show which ones are picked most.
107. Use colored balls in jars to see what color gets picked the most.
108. Guess what the weather will be and see if you're right.
109. Make a chart showing how many kids have birthdays each month.
110. Play card games that use smart guessing and math thinking.
111. Ask how kids get to school and show the answers in a graph.
112. Create a pretend lottery game with fair chances to win.

113. Use spinners and keep track of the results.
114. Look at sports numbers to see how players or teams do.
115. Draw tree diagrams to show all the ways something can happen.
116. Compare heights and weights of kids using charts.
117. Make a voting system to guess who will win a pretend election.
118. Try guessing games with math and test your guesses.
119. Ask kids about favorite shows and see which are most liked.
120. Play games using real stuff to learn about chances and choices.
121. Watch how many kids check out books and show it in a chart.
122. Do guessing games to see if math ideas work in real life.
123. Ask families about fun traditions and show the numbers.
124. Have a contest where kids guess things using what they've learned.
125. Make a simple tool that helps guess chances using numbers.

Money Math and Economics

126. Set up a pretend store in your classroom with play money and price tags.
127. Make a bank project where you keep track of saving and spending.
128. Plan a fake family budget showing how much money is used each month.
129. Create a small market game where you buy and sell items with pretend money.
130. Build a coin counter using boxes to sort different coins.
131. Go "shopping" in pretend stores and compare prices to find best deals.
132. Make a savings chart to show how money grows when saved.
133. Play an auction game where kids use play money to bid on fun items.
134. Set up a fake restaurant with menus and add up what people order.
135. Act out how supply and demand work using classroom items.

136. Plan a pretend business and show how to make and save money.
137. Create a tax game where you figure out how much to pay using easy math.
138. Track fake investments and see how they grow over time.
139. Play a trading game using pretend money and different exchange rates.
140. Plan a pretend fundraiser with a goal and keep track of donations.
141. Make fake coupons that show how much money you save with a discount.
142. Pretend to be a boss and figure out how much to pay workers.
143. Study how prices change over time and what that means.
144. Compare costs of travel like bikes, buses, and cars.
145. Learn about insurance with a game showing how it helps in risky times.
146. Make a loan game where kids borrow and pay back with interest.
147. Act out buying and selling using a fake supply and demand market.
148. Use a thermometer chart to track money earned in a fundraiser.
149. Play a money-making contest to see who earns or saves the most.
150. Spin a wheel to see how families might spend money each month.

Time and Calendar Mathematics

151. Build a pretend time machine that shows different times in history.
152. Make a calendar that shows number patterns in days and months.
153. Create a chart that compares time zones from all around the world.
154. Play a game where you plan a schedule for a busy day.
155. Use stopwatches to measure how long fun activities take.
156. Make a project to figure out how old someone is in years and months.
157. Build a timeline that shows big events in history by year.
158. Draw clock faces that show different ways to tell time.

159. Make a math chart that shows how many days are in weeks and months.
160. Bury a pretend time capsule and write when it should be opened.
161. Create a birthday game where kids find age differences using numbers.
162. Make a chart that shows how seasons repeat through the year.
163. Plan your day using math to find the best way to use your time.
164. Pretend to travel in time and do the math to find how far you go.
165. Use calendars to count how many days until special events.
166. Make a clock that rings at set times during the school day.
167. Plan a trip and figure out how long it will take using the calendar.
168. Draw a timeline showing how different math ideas changed over time.
169. Make a chart to compare how time is measured in different places.
170. Count down to a big event using a number chart or poster.
171. Plan a fair work schedule for chores using math and time.
172. Create a project that shows how you use your time each day.
173. Use math to find out when leap years happen on the calendar.
174. Guess how long something will take, then time it to see if you were right.
175. Make a school calendar that helps you plan your semester using math.

Sports Statistics and Analysis

176. Study your favorite sports team and find out how often they win.
177. Make a scoring system to use when you play games in class.
178. Keep track of a player’s scores to see how well they play.
179. Draw a tournament chart to show who wins and moves to the next round.
180. Track your fitness progress by recording how fast or far you move.
181. Compare two sports to see which has more scoring or more players.

182. Time races and see how long each one takes using a stopwatch.
183. Create a calculator to help keep score in different games.
184. Make a chart to show how scores change during a game.
185. Use past scores to guess who might win the next sports game.
186. Compare two players to see who has better stats.
187. Use math to find out who is at the top in a sports league.
188. Play a sports trivia game using numbers and stats.
189. Look at Olympic records and see how they have changed over time.
190. Use math to build the best team with the best players.
191. Pretend to bet on games using math to guess the winner fairly.
192. Make a training chart to plan your workouts with math.
193. Study sports gear and see how size or shape helps players.
194. Create a chart showing how athletes eat and stay healthy using math.
195. Use data to learn how to stay safe and avoid sports injuries.
196. Track how many people come to watch sports games.
197. Study how referees make fair calls using math.
198. Look at how coaches plan to win using game numbers.
199. Draw a map to plan a sports field using shapes and space.
200. Use math to find out how athletes earn scholarships from their scores.

Art and Mathematical Creativity

201. Create big murals using shapes and bright colors with math patterns.
202. Make sculptures using math to help shape and size your art.
203. Use math to make music with rhythms and sounds that fit together.
204. Design clothes using shapes and math patterns that look neat and even.

205. Build jewelry using math patterns and colorful beads.
206. Take photos that show math shapes and patterns found in nature.
207. Make dance moves that follow math timing and shapes.
208. Plan plays that use math ideas to tell a story.
209. Build musical instruments that make sounds using math vibrations.
210. Write poems that use math rhythms and numbers in words.
211. Tell stories that include math problems in a fun way.
212. Put on puppet shows that teach math through fun stories.
213. Make costumes that show math ideas you can wear.
214. Create animations that explain math by moving pictures.
215. Paint pictures using colors and math color theory.
216. Make crafts that use math for measuring and designing.
217. Compose music using math for beats and harmony.
218. Act out dramas that include solving math problems.
219. Make collages with math shapes and size ratios.
220. Sew quilts using math patterns and shapes.
221. Build wood projects using math to measure and cut right.
222. Make pottery that uses math shapes and design.
223. Create fabric art with math patterns and bright colors.
224. Design gardens using math for layout and space.
225. Build model buildings using math and creative ideas.

Science and Math Integration

226. Study how plants grow using math to measure their height and size.
227. Build a weather station to track rain, wind, and temperature every day.

228. Do chemistry experiments using math to mix and measure chemicals.
229. Show how physics works with math in simple science demonstrations.
230. Study stars and planets using math to find their positions.
231. Use math to collect data about animals and how they live.
232. Learn about rocks and earth using math to measure and compare.
233. Study how we can protect the environment using math data.
234. Use math to check what foods are healthy and how much we need.
235. Measure exercise and movement with math for science projects.
236. Do psychology tests using math to understand behavior.
237. Build machines using math to plan how they work and hold up.
238. Use math logic to make computer programs and solve problems.
239. Plan farming experiments using math to grow more crops.
240. Study oceans using math to measure water and sea life.
241. Use math to learn about forests and trees.
242. Find out about old things using math to date them.
243. Use math to study health and medicines.
244. Study animals with math to learn about their needs.
245. Use math and computers to create new technology.
246. Plan how to save energy using math to measure power.
247. Use math to study travel and how to get places faster.
248. Learn how signals work with math in communication.
249. Study how factories use math to make things better and faster.
250. Use math to explore space and learn about stars and planets.