

# Pythagorean Theorem Project Ideas

## Art and Creative Projects

1. Make a colorful triangle picture using square paper pieces.
2. Make a friendship bracelet with triangle shapes and sizes.
3. Draw a comic book about a superhero who loves triangles.
4. Make paper flowers with triangle-shaped petals.
5. Paint a big wall picture with triangles in nature like mountains.
6. Shape clay into cool triangles from different places.
7. Make bright posters showing triangles in buildings.
8. Take pictures of triangles you see and put them in an album.
9. Make triangle puppets and put on a math show.
10. Glue triangle pictures from magazines to make a collage.
11. Make triangle bookmarks with the special triangle rule.
12. Make triangle sun catchers with bright, see-through paper.
13. Hang triangle shapes from string to make a pretty mobile.
14. Make triangle cards for friends with math messages.
15. Make triangle picture frames for your favorite photos.
16. Make triangle stamps and stamp them on paper.
17. Make triangle jewelry like earrings and necklaces.
18. Draw triangle stickers with fun math facts.
19. Make triangle masks for a fun math party.

20. Hang triangle wind chimes that make nice sounds.
21. Fold triangle paper planes and see which flies best.
22. Make triangle origami animals like birds and frogs.
23. Draw triangle pizzas with different toppings.
24. Make triangle kaleidoscopes with mirrors and colors.
25. Shine a light on triangle paper cutouts for shadow art.

### **Sports and Physical Activities**

26. Measure triangle shapes on a basketball court.
27. Set up a triangle path for an obstacle course.
28. Play triangle tag where triangle shapes are safe spots.
29. Make triangle goals for a fun new outdoor game.
30. Measure triangle parts on a soccer field.
31. Make up triangle dance moves and show your friends.
32. Draw triangle hopscotch with chalk and play.
33. Set up triangle balance beams for fun practice.
34. Have triangle races using tape and cones.
35. Play triangle bowling with bottles in triangle shapes.
36. Check triangle spots on a tennis court.
37. Make triangle yoga poses to stretch and stay safe.
38. Play triangle catch in triangle zones.
39. Make a triangle climbing wall with triangle holds.
40. See how far you can jump in triangle games.

41. Play triangle frisbee with triangle targets.
42. Check the triangle shape of a baseball field.
43. Do triangle stretches before sports to warm up.
44. Play triangle Simon Says with triangle poses.
45. Put tape on the ground for triangle balance games.
46. Run triangle paths around your park or yard.
47. Play hide and seek in triangle spots.
48. Look for triangle shapes on playground equipment.
49. Play triangle team games where everyone helps.
50. Jump rope with triangle patterns on the ground.

### **Science and Nature Exploration**

51. Find triangle shapes in flower petals and measure them.
52. Look at triangle shapes in spider webs with a magnifier.
53. Study triangle crystals and see how perfect they are.
54. Find triangle leaf shapes and measure their sides.
55. Watch birds flying in triangle shapes.
56. See triangle rocks at the park or beach.
57. Look for triangle shapes in tree branches.
58. Use a magnifier to see triangle snowflakes.
59. Look at triangle mountain shapes and guess their size.
60. See triangle shapes in animal tracks outside.
61. Use a magnifier to look at triangle plant cells.

62. Watch triangle patterns on butterfly wings.
63. Find triangle shapes in clouds and guess sizes.
64. Look at triangle honeycombs in beehives.
65. Check triangle patterns on fish scales.
66. Find triangle shapes in seashells.
67. Look at triangle feathers from different birds.
68. Find triangle ice crystals in winter.
69. See triangle shapes in sand dunes.
70. Find triangle shapes in cheese slices.
71. Rub paper over tree bark to find triangle textures.
72. Find triangle shapes in garden vegetables.
73. Check triangle patterns in fabric.
74. Look for triangle pasta shapes.
75. Find triangle shapes in buildings and stones.

### **Building and Construction Projects**

76. Stack triangle towers using blocks or plastic.
77. Make triangle bridges strong enough for toy cars.
78. Build triangle doll houses with cardboard and tape.
79. Make triangle chairs or tables for toy houses.
80. Build triangle shelves to hold books or toys.
81. Make triangle planters for small plants.
82. Build triangle birdhouses for birds outside.

83. Make triangle stands to hold pictures.
84. Build triangle stands for phones or tablets.
85. Make triangle bookends to hold books.
86. Build triangle coat hangers for clothes.
87. Make triangle pencil holders for your desk.
88. Build triangle boxes for toys with lids.
89. Make triangle lamp shades from paper or fabric.
90. Lay triangle stones for a garden path.
91. Make triangle wall art with cardboard or wood.
92. Build triangle models of playground gear.
93. Make triangle roof shapes for model houses.
94. Build triangle tent models for pretend camping.
95. Make triangle fences for the garden.
96. Build triangle props for a school play.
97. Make triangle drums or other instruments.
98. Build triangle bins to hold tools.
99. Make triangle planters for herbs or flowers.
100. Build triangle parts for a pretend robot.

### **Technology and Digital Projects**

101. Make triangle cartoons on the computer.
102. Create triangle games with triangle math puzzles.
103. Draw triangle art using a tablet.

104. Build a website with triangle facts and fun.
105. Make triangle music with apps that play triangle sounds.
106. Build a triangle calculator for triangle math.
107. Make triangle photo filters for fun pictures.
108. Create apps where triangle puzzle pieces fit together.
109. Make a triangle drawing program for art.
110. Make triangle videos to teach math to friends.
111. Create triangle slideshows for math class.
112. Explore triangle worlds in virtual reality.
113. Make triangle podcasts with triangle facts.
114. Share triangle facts in social media posts.
115. Make triangle digital magazines with fun triangle things.
116. Build triangle games to teach triangle rules.
117. Send triangle e-newsletters about your triangle projects.
118. Make triangle quizzes to test your triangle knowledge.
119. Keep triangle digital scrapbooks of your work.
120. Create triangle apps for calm breathing.
121. Make triangle fitness apps for triangle workouts.
122. Create triangle weather apps with triangle clouds.
123. Make triangle cooking apps with triangle foods.
124. Build apps to care for triangle gardens.
125. Create travel apps to find triangle places around the world.

## **Kitchen and Cooking Adventures**

126. Bake triangle cookies with cookie cutters.
127. Cut triangle sandwiches with a kitchen knife.
128. Make triangle ice cubes with triangle molds.
129. Bake triangle pizza slices with yummy toppings.
130. Make triangle jello in triangle molds.
131. Make triangle chocolate treats with candy molds.
132. Bake triangle rolls for dinner.
133. Put fruit on sticks to make triangle kabobs.
134. Arrange triangle cheese and crackers for snacks.
135. Bake triangle muffins with triangle cupcake papers.
136. Make triangle veggie plates for dinner.
137. Decorate cakes with triangle shapes.
138. Bake triangle scones for breakfast.
139. Make triangle popsicles with smoothie mix.
140. Grow triangle herb gardens in triangle pots.
141. Bake triangle pie slices with tasty fillings.
142. Put trail mix in triangle containers.
143. Make triangle candy treats for parties.
144. Bake triangle crackers with herbs and spices.
145. Make triangle fruit leather from fresh fruit.
146. Sort triangle spices by color and smell.

- 147. Bake triangle granola bars with nuts and fruit.
- 148. Set triangle tea party snacks on triangle plates.
- 149. Make soup with triangle pasta shapes.
- 150. Bake triangle cake layers in a triangle stack.

### **Music and Sound Projects**

- 151. Make triangle instruments with wood or metal.
- 152. Tap triangle beats for your school band.
- 153. Write triangle songs about triangle math.
- 154. Make triangle sound effects for a school play.
- 155. Make triangle scales with triangle instruments.
- 156. Tap triangle drums with triangle tops.
- 157. Sing triangle songs in groups with triangle harmonies.
- 158. March in triangle shapes for a parade.
- 159. Make triangle music with triangle beats.
- 160. Record triangle music sounds.
- 161. Play games where you guess triangle sounds.
- 162. Sing triangle karaoke songs about math.
- 163. Write triangle music for a school show.
- 164. Rap triangle songs with triangle rhymes.
- 165. Sing triangle songs to little kids.
- 166. Make workout music with triangle beats.
- 167. Mix triangle chimes with nature sounds.



- 168. Play triangle music to help you relax.
- 169. Sing triangle holiday songs.
- 170. Write triangle songs for school fun.
- 171. Sing triangle songs about friendship.
- 172. Play triangle music to help with homework.
- 173. Sing triangle songs when your project is done.
- 174. Make background triangle music for videos.
- 175. Set triangle sounds as your morning alarm.

### **Garden and Outdoor Projects**

- 176. Plant triangle flower gardens with three flower colors.
- 177. Grow triangle veggie plots with three kinds of veggies.
- 178. Build triangle treehouses in strong trees.
- 179. Make triangle rock gardens with triangle patterns.
- 180. Grow triangle herb gardens with mint, parsley, and basil.
- 181. Build triangle compost bins for food scraps.
- 182. Make triangle bird feeders for different birds.
- 183. Plant triangle butterfly gardens with flowers they like.
- 184. Build triangle fountains or water spots.
- 185. Make triangle walking paths in your garden.
- 186. Plant triangle shade gardens under trees.
- 187. Build triangle fences to keep animals out.
- 188. Make triangle sitting spots for reading.

189. Grow triangle wildflowers for bees and bugs.
190. Build triangle sheds for garden tools.
191. Make triangle art outdoors with nature items.
192. Plant triangle veggie spirals to save space.
193. Build triangle greenhouses for longer growing.
194. Make triangle classrooms outside to learn.
195. Plant triangle rain gardens to catch rain.
196. Build triangle swing sets or climbing toys.
197. Make triangle kitchens outside for cooking.
198. Plant triangle gardens for pets or people.
199. Build triangle work areas for fun projects.
200. Make triangle campsites for yard camp-outs.

### **Games and Puzzles**

201. Make triangle board games with triangle paths.
202. Make triangle card games with triangle cards.
203. Put together triangle puzzles with triangle pieces.
204. Play memory games with triangle pairs.
205. Make triangle word games with triangle tiles.
206. Play dice games with triangle dice.
207. Make triangle treasure hunts with triangle maps.
208. Play triangle games that need smart triangle moves.
209. Make trivia games with triangle facts.

- 210. Match triangle pictures in fun games.
- 211. Build with triangle game pieces.
- 212. Race on triangle tracks in games.
- 213. Play adventure games in triangle worlds.
- 214. Play math games solving triangle questions.
- 215. Tell stories using triangle ideas.
- 216. Draw triangle things in fun drawing games.
- 217. Guess triangle items in triangle guessing games.
- 218. Find your way in triangle mazes.
- 219. Finish triangle patterns in puzzles.
- 220. Stack triangle shapes in balance games.
- 221. Race to do triangle tasks fast.
- 222. Work in teams to solve triangle challenges.
- 223. Answer triangle riddles in fun games.
- 224. Find triangle items in scavenger hunts.
- 225. Invent triangle tools in fun design games.

### **History and Culture Projects**

- 226. Learn about triangle signs in world cultures.
- 227. Study triangle buildings like Egypt's pyramids.
- 228. Find triangle patterns in clothes from different countries.
- 229. Learn about triangle instruments from other places.
- 230. See triangle art from famous artists.

231. Find triangle shapes in old writing.
232. Look at triangle plans in old battles.
233. Study triangle buildings in other times and places.
234. Find triangle symbols in different religions.
235. Learn triangle dances from other cultures.
236. See triangle tools people used long ago.
237. Look at triangle pots from old civilizations.
238. Find triangle shapes in star maps from history.
239. Study triangle designs in old cloths and clothes.
240. See triangle shapes in old boats and cars.
241. Learn triangle math from long ago.
242. Look at triangle jewelry from other places.
243. Play old triangle games from history.
244. Find triangle shields used in old fights.
245. See triangle shapes in old healing ways.
246. Study triangle money from olden days.
247. Hear triangle stories from the past.
248. Learn triangle tools used in old farms.
249. See triangle shapes in holidays from history.
250. Look at triangle flags from different countries.