



purposeful design[®]
publications
A Division of ACSI

Cultivating Transformation THROUGH Educational Resources

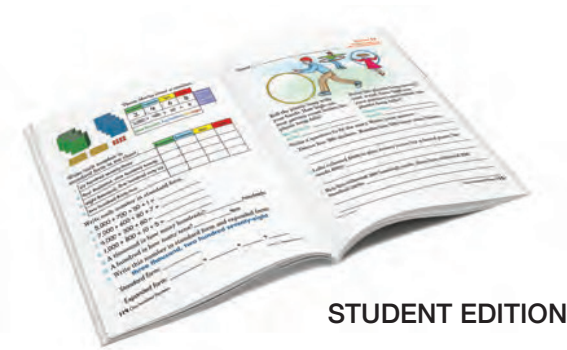


Mathematics Series

Available
NOW

Grades K–6

Providing Extra Practice to Master Skills



1-3 Understand Place Value

Contrast Meaning

Use your imagination. Picture 10 large sea creatures in a tank. Now, think of 100 sea creatures. Finally, picture 1,000 sea creatures. How deep did the tank have to become to hold all of the sea creatures?

Base 10 blocks show the relationship of these numbers.

a unit block = 1 1 hundred = 10 tens 1 hundred = 100 ones

1 ten = 10 ones 1 thousand = 10 hundreds 1 thousand = 100 tens 1 thousand = 1,000 ones

A digit is any numeral 0-9. You can write any whole number using digits. The place of each digit tells the value of a number.

Example:

You use digits to write 2,473. You read it: two thousand, four hundred seventy three. This number has 2 thousands, 4 hundreds, 7 tens, and 3 ones.

Check Understanding

Use base 10 blocks to make a model of each number.

759 621 3,045 2,507

Practice

Write the number shown by each model.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 4

Building a Strong Foundation For Learning

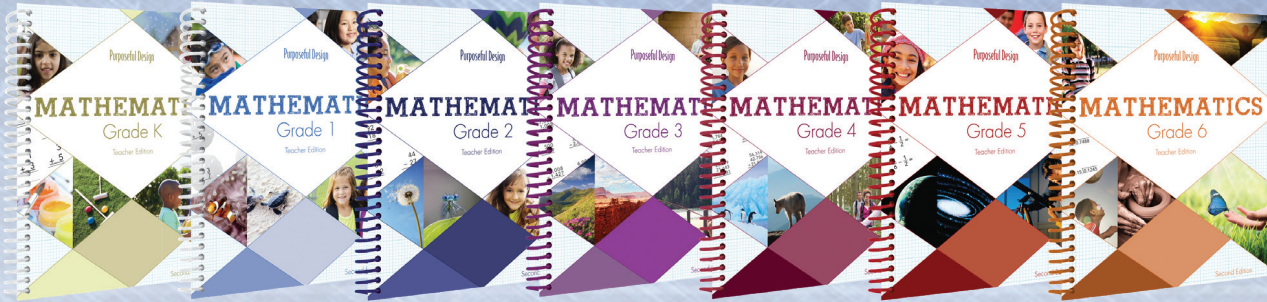
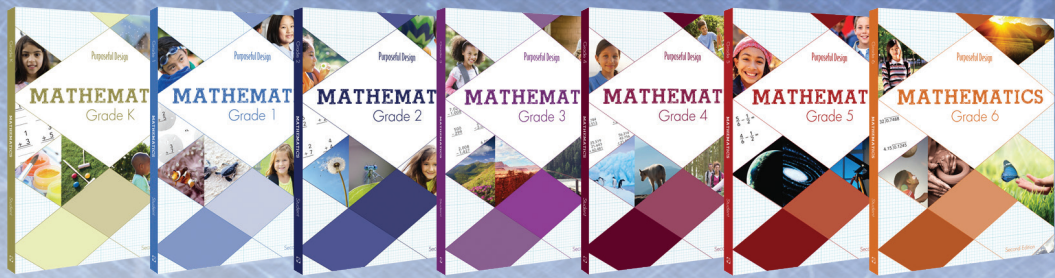


- Lessons with hands-on activities, conceptual understanding, problem solving, application, modeling, reasoning, and strands of algebra and geometry
- Strong emphasis on skill development and concept mastery
- Use of manipulatives and modeling to understand concepts



MATH MANIPULATIVES
KIT

Preparing Students for Real-Life Math Application



Purposeful Design Publications Elementary Math Series, Grades K–6

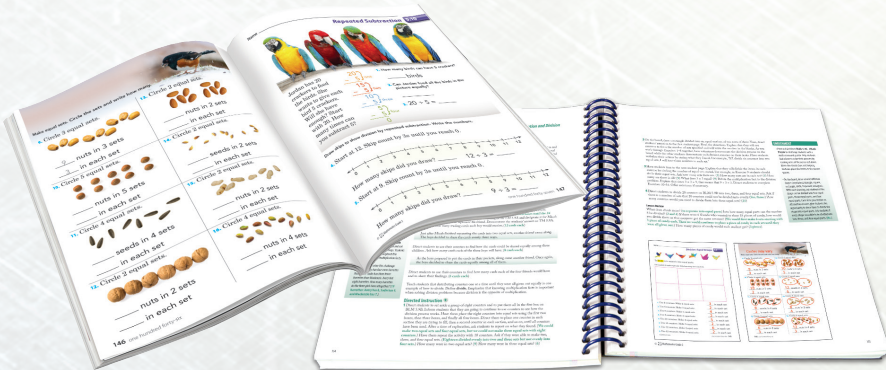
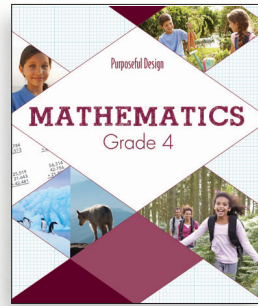
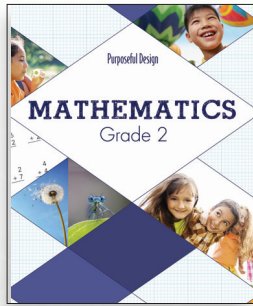
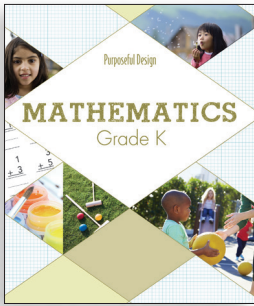
This series teaches the “why” and “how” of doing math while incorporating best instructional practices, STEM’s interdisciplinary approach, and the most comprehensive and challenging standards available.

Student Edition Features

- Full-color textbooks available in softcover for grades K–6 and as an e-book for grades 4–6 with engaging photography and graphics
- Project-based learning activities that provide STEM and biblical worldview connections

Teacher Edition Features

- Full-color coil-bound or e-book format with embedded student book pages for easy reference
- Formative and summative assessments for all levels
- Warm-up activities
- Online resources including blackline masters, pretests, static and editable tests, and practice, review, and enrichment activities



Recent Reviews About This New Series ...

We just switched to ACSI in the K-2nd grade. I've never heard "I love math" from so many children.

Ms. Woodford
Boca Raton Christian School, Florida

The extensions and enrichment activities are helpful and the extra activities are wonderful.

Miss Priest
Oceana Christian School, Hart, MI



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