

### North Star Scout Challenges

#### Scout Spirit

1. Recite the Scout Promise from your Scout Program with your crew or team.
2. Recite the Scout Promise from your Scout Program from memory.
3. Explain the meaning of the Scout Promise from your Scout Program.
4. Help another Scout to memorize the Scout Promise from your Scout Program
5. Do one thing that exemplifies the Scout Promise from your Scout Program.
6. Do two things that exemplify the Scout Promise from your Scout Program.
7. Do five things that exemplify the Scout Promise from your Scout Program.
8. Do ten things that exemplify the Scout Promise from your Scout Program.
9. Exemplify the Scout Promise from your Scout Program in your daily life.
10. Recite the Scout Code with your crew or team.
11. Recite the Scout Code from memory.
12. Explain the meaning of the Scout Code.
13. Help another Scout to memorize the Scout Code.
14. Do one thing that exemplifies the Scout Code.
15. Do two things that exemplify the Scout Code.
16. Do five things that exemplify the Scout Code.
17. Do ten things that exemplify the Scout Code.
18. Exemplify the Scout Code in your daily life.
19. Recite the Scout Motto with your crew or team.
20. Recite the Scout Motto from memory.
21. Explain the meaning of the Scout Motto.
22. Help another Scout to memorize the Scout Motto.
23. Do one thing that exemplifies the Scout Motto.
24. Do two things that exemplify the Scout Motto.
25. Do five things that exemplify the Scout Motto.

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26. Do ten things that exemplify the Scout Motto.
  27. Exemplify the Scout Motto in your daily life.
  28. Recite the Scout Spirit with your crew or team.
  29. Recite the Scout Spirit from memory.
  30. Explain the meaning of the Scout Spirit.
  31. Help another Scout to memorize the Scout Spirit.
  32. Do one thing that exemplifies the Scout Spirit.
  33. Do two things that exemplify the Scout Spirit.
  34. Do five things that exemplify the Scout Spirit.
  35. Do ten things that exemplify the Scout Spirit.
  36. Exemplify the Scout Spirit in your daily life.
  37. Create a ceremony or potential award and write down your ideas.
  38. Create a ceremony, have it approved, then organize and lead it.
  39. Create, organize, lead and participate in a group activity.
  40. Plan and create a print ad for potential use by the Scout Programs of Adventure Scouts USA.
  41. Plan and create a fundraising program for the Scout Programs of Adventure Scouts USA.
  42. Create, organize, and lead a fundraising program for Adventure Scouts USA.
  43. Demonstrate respect for others.
  44. Watch the movie City Slickers. In the movie, there is a discussion of what the one thing is, what is the one thing?
  45. Donate something of yours to a charity.
  46. Donate five things to charity.
  47. Clean out your closet, gather old toys, and get parental permission to deliver the items to charity.
  48. Plan, organize, and lead a charitable donation drive for others to donate their items.
- Community, Social Responsibility and Citizenship
- Flag Handling & Knowledge
49. Demonstrate proper flag etiquette.
  50. Fold a flag.

51. Fold the flag in a manner that allows it to break free when raised.
52. Conduct a flag-raising and flag-lowering ceremony.
53. Identify the design elements of the Flag of the United States of America and explain their meaning.
54. Recite the Pledge of Allegiance with your Team or Crew and explain what it means to you.
55. Recite the Pledge of Allegiance from memory.
56. Lead your Team or Crew in reciting the Pledge of Allegiance.
57. Create a multi-media presentation or write and perform a one-act play about the history of the Pledge of Allegiance.

### Civics

58. Plan, organize, and lead a recycling community awareness event.
59. Conduct a team meeting by parliamentary procedure. Act as parliamentarian for a meeting.
60. Plan, organize, and lead an environmental clean-up project within your community.
61. Plan, organize, and lead a community safety awareness event.
62. Plan, organize, and lead a school safety awareness event.
63. Plan, organize, and lead a first-aid community awareness event.
64. Plan, organize, and lead a first-aid school awareness event.
65. Enhance your community by planning, organizing, and leading a community improvement event.
66. Enhance your community by participating in a community improvement event.
67. Meet your neighbors.
68. Help a neighbor.
69. Interview someone who is a first generation American Citizen.
70. Discuss good citizenship with an elected official.
71. Attend a meeting of the local government.
72. Attend a meeting of the school board.
73. Attend a meeting of your city council or county/parish commissioners.
74. Attend a session of your State Legislative body.
75. Attend a session of the United States House of Representatives or Senate.
76. Attend a public meeting regarding an issue of interest to you, your family or community.

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77. Tour a courthouse.
78. Attend a session of small claims court.
79. Attend a session of traffic court.
80. Distinguish between mediating versus arbitrating.
81. Mediate a dispute.
82. Arbitrate a dispute.
83. Volunteer your time to help a charity.
84. Volunteer your time to help an environmental group.
85. Attend a meeting of an environmental group.
86. Plan, organize, and lead a conservation community awareness event.
87. Write a letter expressing your opinion regarding an issue and mail it to three elected officials.
88. Using email, write three elected officials expressing your opinion regarding an issue.
89. Tour a post office.
90. Tour a city hall.
91. Tour a state capitol building.
92. Tour the United Nations.
93. Attend a session of the United Nations.
94. Tour a foreign Embassy.
95. Distinguish between the agencies of the National Park Service and the National Forest Service. Identify the consequence of their creation.
96. Plan, organize, and lead a small community service project.
97. Plan, organize, and lead a large-scale community service project.
98. Plan, organize, and lead a portion of a community service project.
99. Visit with an agent of the Federal Bureau of Investigation.
100. Discuss persuasive methods to affect a change regarding something you care about.

### Leadership

101. Recruit and enroll two new members in the Scout Programs of Adventure Scouts USA.
102. Recruit and enroll five new members in the Scout Programs of Adventure Scouts USA.

- 103. Recruit and enroll ten new members in the programs of Adventure Scouts USA.
- 104. Recruit and enroll twenty new members in the programs of Adventure Scouts USA.
- 105. Assist in the creation of a new team of Adventure Scouts USA.
- 106. Meet with a coach and learn about his or her style of leadership.
- 107. Meet with a school principal and learn about his or her style of leadership.
- 108. Meet with an elected official and learn about his or her style of leadership.
- 109. Meet with a teacher and learn about his or her style of leadership.
- 110. Meet with a business executive and learn about his or her style of leadership.
- 111. Lead a meeting.
- 112. Prepare an agenda for a meeting.
- 113. Prepare an agenda for a group activity other than a meeting.
- 114. Prepare an agenda for a meeting and lead the meeting.
- 115. Prepare an agenda for a group activity other than a meeting and lead the meeting.
- 116. Plan, organize, and lead a portion of a meeting.
- 117. Plan, organize, and lead an entire meeting.

### Personal Education

#### Academics

- 118. Visit a Natural History museum.
- 119. Name your favorite dinosaur and identify its diet, where it lived, and when it became extinct.
- 120. Dig up a bone or fossil.
- 121. Dig up a bone or a fossil and identify what kind of animal it came from, when the animal lived, and its environment.
- 122. Demonstrate the process of safe excavation of a fossil or artifact.
- 123. Plan an archaeological expedition. Demonstrate what gear you will need, what the cost would be, how to prepare for the weather, and create an itinerary.
- 124. Visit an Art museum.
- 125. Demonstrate your favorite art form and identify your favorite period in art history and your favorite artist.
- 126. Take an art class.

### Home Management

- 127. Demonstrate five methods of cleaning and explain their uses.
- 128. Clean things in a house such as silverware, tiles, bathrooms, sinks, windows, floors, carpets, etc.
- 129. Write a letter and mail it to a company and express your opinion regarding a purchase or a product.
- 130. Write using e-mail, a company and express your opinion regarding a purchase or a product.
- 131. Name the steps in the thinking process used to select an item you wish to buy and give an example of that process.
- 132. Create and make an article of clothing or other item.
- 133. Plan, organize, and lead a clean-up project within your home.

### Nutrition, Meal Planning and Cooking

- 134. Name the five food groups and explain how to use them in meal planning.
- 135. Learn methods important to the handling of food, such as prevention of spreading germs.
- 136. Prepare and bake properly cookies or other desert.
- 137. Prepare and cook something properly.
- 138. Broil a chicken.
- 139. Fry a chicken.
- 140. Bake a chicken.
- 141. Barbeque a chicken.
- 142. Bake a cake.
- 143. Broil a steak.
- 144. Barbeque a steak.
- 145. Cook a hot dog.
- 146. Cook a hamburger.
- 147. Cook a turkey.
- 148. Clean a fish.
- 149. Cook a fish.
- 150. Clean, cook, and eat a fish you have caught.
- 151. Explain the difference between a dash and a splash.
- 152. Explain the difference between a tablespoon and a teaspoon.

153. Separate the parts of chicken.
154. Identify the differences between five herbs and seasonings.
155. Identify the differences between ten herbs and seasonings.
156. Marinate beef.
157. Prepare, cook, and serve a seafood dish.
158. Show how to handle fruit prior to being eaten and explain why this is important.
159. Make a pizza.
160. Make popcorn.
161. Make ice cream.
162. Make snow cones.
163. Plan a menu for a meal cooked at home.
164. Plan a meal and select the items necessary to prepare the meal for a meal cooked at home.
165. Plan, organize, and lead the creation of a meal.
166. Demonstrate proper storage of fruit, vegetables, dairy, beef, and dry goods.
167. Make a loaf of bread.
168. Identify fifteen vegetables and what the differences are between them and why you would select one versus the other.
169. Identify what is the difference between varieties of a single vegetable and why you would select one versus the other.
170. Identify fifteen fruit and what the differences are between them and why you would select one versus the other.
171. Identify what is the difference between varieties of a single fruit.
172. Explain how to pick quality produce.
173. Identify ten cuts of beef and what the differences are between them and why you would select one versus the other.
174. Name ten common fish found in the supermarket.
175. Check the expiration date on a container of milk
176. Check the expiration date on canned goods.
177. Check the expiration date on a package of vitamins.
178. Explain how long fruit can generally be stored.

179. Explain how long leftovers can generally be stored.

### Hospitality

180. Set a table for one person prepared for one course.

181. Set a table for one person prepared for four courses.

182. Set a table for one person prepared for seven courses.

183. Host a veggie tasting party for three or more persons (try to sample uncommon items.)

184. Host a produce tasting party for three or more persons (try to sample uncommon items.)

185. Plan and host a party for three or more persons.

186. Decorate as party location.

187. Learn the difference between food garnishes.

188. Prepare a hors d'oeuvre.

189. Demonstrate proper etiquette for eating multiple courses.

190. Plan, organize, and lead the creation of a three-course meal for three or more.

191. Plan, organize, and lead the creation of a five-course meal for three or more.

192. Plan, organize, and lead the creation of a seven-course meal for three or more.

193. Plan, organize, and lead a dinner party.

### Language Arts

194. Carry on a conversation in a language other than your own.

195. Read a classic novel.

196. Read five classic novels

197. Listen to a book on tape or CD.

198. Read a book on how to be better at something.

199. Read several issues of a magazine about a subject of interest to you.

200. Write an article and submit it for publication in a magazine or periodical.

201. Write an article and submit it for publication in a magazine or periodical about your experiences in the programs of Adventure Scouts USA.

202. Learn to use sign language.

203. Meet with a qualified professional with whom you can discuss body language and identify the significance of five common postures and ten common gestures.



- 204. Learn listening techniques and explain their importance.
- 205. Write and present a persuasive speech.
- 206. Write and present two forms of speech other than persuasive.
- 207. Create a method for evaluating individual presentations and group meetings.
- 208. Attend a meeting of Toastmasters.
- 209. Create a publicity plan for an event.
- 210. Publicize an event.
- 211. Write a press release.
- 212. Write a letter to the editor of a newspaper or magazine.
- 213. Write a letter to the editor of a newspaper or magazine about your experiences in Adventure Scouts USA.
- 214. Tell a story to a group of people.

### Music

- 215. Make a musical instrument.
- 216. Attend a musical performance other than a play.
- 217. Attend a musical performance of a play.
- 218. Watch a movie musical.
- 219. Play scales or chords on a musical instrument.
- 220. Play a song or other musical composition on a musical instrument.
- 221. Create a musical composition using MIDI sequencing.
- 222. Compose a song and write lyrics for it.
- 223. Perform a freestyle song.
- 224. Choose a song that you do not know and learn to play it on an instrument of your choice to the satisfaction of a competent teacher.
- 225. Teach others a song.
- 226. Choose three songs that you do not know and learn to play them on an instrument of your choice to the satisfaction of a competent teacher.
- 227. Perform a karaoke song.
- 228. Name five bands or musical personalities you like and why.
- 229. Entertain a gathering as a DJ to the satisfaction of a competent DJ.

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230. Beat match ten songs using CD or Vinyl.

231. Make a music CD.

232. Attend a classical concert.

233. Attend a jazz concert.

### Personal Finance

234. Balance a checkbook.

235. Keep a journal of personal expenses including exactly what you spent your money on for a two-week period.

236. Meet with a finance or sales manager from a car dealership and learn about the process of purchasing a car.

237. Open an account at a financial institution for the purpose of saving money.

238. Budget, and collect from each person their share of the money for a menu, select the items, for use to cook for an entire camping trip.

239. Meet with a professional within the mortgage industry and learn about the importance of good credit, mortgages, and their variety.

240. Do three things in advance to help someone else (pay it forward) and tell us what they were.

241. Make a financial budget.

242. Meet with a professional within the financial services industry and learn about the different kinds of investments they offer.

243. Meet with an accountant/CPA/Tax preparer and learn how to prepare, organize, and document financial records to comply with tax reporting.

244. Meet with a professional within the insurance industry and learn whether you are properly insured.

245. Make a short, medium, and long-term goal plan.

### Safety (Including First Aid)

#### First Aid

246. Demonstrate how to make a 911 call and demonstrate how to answer the operator's questions. (do not make actual call)

247. Create a first aid kit.

248. Demonstrate how to correctly use all of the contents of a first aid kit for their intended purpose.

249. Earn a Red Cross certification for basic first aid.

250. Earn a Red Cross certification for advanced first aid.

251. Plan what to do when someone is seriously ill or injured. Demonstrate the nature of the illness or injury and

the appropriate treatment.

252. Earn Wilderness First Responder.

253. Demonstrate the Heimlich maneuver (for an adult, child, and baby.)

254. Simulate how to stop bleeding by direct pressure and with a tourniquet.

255. Demonstrate how to give CPR to a person whose heart has stopped using an approved mannequin.

256. Plan how to treat shock is and demonstrate proper treatment.

257. Demonstrate how to rescue a drowning victim.

258. Demonstrate how to rescue the victim of an accidental electrocution.

259. Name at least two types of light that cause sunburn.

260. Treat a head injury and explain avoidance techniques.

261. Demonstrate how to provide first aid for a broken bone (fingers, toes, and limbs.)

### Household Safety

262. Identify items or ways to improve the safety of your home.

263. Plan a hazardous and flammable materials search in your home and/or garage.

264. Organize the items so that they are properly stored in a safe place and inaccessible to young children and animals.

265. Identify two ways to safely eliminate pests.

### Fire Safety

266. Locate smoke detectors in your home and check to see if they are functioning properly.

267. Install smoke detectors in your home if you have none, or they if they are not working properly.

268. Tour a fire station.

269. Demonstrate how to carry a fire victim using the fireman's carry.

270. Demonstrate how to react to a structure fire upon first discovering it from outside.

271. Demonstrate how to react to a structure fire upon first discovering it from inside.

272. Demonstrate how to extinguish an electrical fire.

273. Demonstrate how to extinguish an oil or grease fire.

274. Demonstrate how to extinguish a wood/paper fire.

275. Demonstrate how to extinguish a fire using a fire extinguisher.

276. Distinguish between the different types of fire extinguishers, and which is used on what kind of fire.

277. Explain why the level of contents in a fire extinguisher is important.

278. Check the expiration date of a fire extinguisher.

### Safety in the Community

279. Plan, organize and lead a hazardous and flammable materials collection from your neighbor's homes and/or garages. (Remember no Scout is permitted to enter the home or garage of anyone unless accompanied by their parent or guardian.) Organize the items so that they are capable of easy pick-up by a local area hazardous and flammable materials agency. If the materials must be temporarily stored, they must be properly stored in a safe place and inaccessible to young children and animals.

280. Plan, organize, and lead a fire safety community awareness event.

281. Plan, organize, and lead a fire safety school awareness event.

282. Plan, organize, and lead the safety precautions for a group event including fire.

283. Plan, organize, and lead a bicycle safety community awareness event.

284. Plan, organize, and lead a bicycle safety school awareness event.

285. Participate in a railroad industry safety train ride.

### Field-craft

#### Boating and Water

286. Row a boat.

287. Master the basics of water skiing.

288. Make a surfboard.

289. Make a raft.

290. Pilot a raft.

#### Botany

291. Identify three common poisonous plants, avoidance techniques, and treatment upon contact.

292. Identify twenty poisonous plants, avoidance techniques, and treatment upon contact.

293. Demonstrate treatment for contact with a poisonous plant and avoidance techniques.

#### Camping

294. Camp for at least three days and two nights in the desert.

295. Camp for at least three days and two nights in the snow.

296. While camping for at least three days and two nights, use canoes, kayaks, or other watercraft.

- 297. Camp for at least three days and two nights in the mountains.
- 298. Plan, organize and lead a camping or backpacking trip.
- 299. Camp for at least two days and one night.
- 300. Create a list of personal items to bring on a camping trip.
- 301. Create a list of team or crew equipment to bring on a camping trip.
- 302. Sleep overnight in a hammock.
- 303. Demonstrate ten ways to make the weight of your pack and pack contents lighter.
- 304. Make a list of safety practices that Scouts should follow while camping.
- 305. Make a list of health practices that Scouts should follow while camping.
- 306. Demonstrate how to configure a team's campsite.
- 307. Plan, organize, and lead a portion of a camping trip.
- 308. Organize and lead a 'leave no trace' clean up of a campsite.
- 309. Plan, organize, and lead low impact use of a campsite.
- 310. Plan, organize, and lead pitching camp.
- 311. Plan, organize, and lead striking camp.
- 312. Demonstrate how to pitch a tent.
- 313. Configure a team campsite.
- 314. Write a campfire story.
- 315. Tell a campfire story.
- 316. Write and tell a campfire story.

### Canoeing

- 317. Demonstrate three types of canoeing strokes and explain their purpose.
- 318. Demonstrate how to right an overturned canoe and re-enter it.
- 319. Demonstrate two ways to paddle a canoe.
- 320. Master the basics of canoeing.
- 321. Canoe one mile.
- 322. Canoe five miles.
- 323. Canoe ten miles.

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324. Canoe twenty miles.

325. Canoe fifty miles.

326. Canoe one hundred miles.

### Clothing and Equipment for Outdoor Adventures

327. Demonstrate proper long term/short term storage of the different types of sleeping bags.

328. Demonstrate proper long term/short term storage of different types of tents.

329. Make a pair of snow skis.

330. Fold a tent.

331. Design and create a tent.

332. Make a tent.

333. Distinguish the differences in types of hiking boots. Distinguish the differences between Gore-Tex and non-Gore-Tex boots.

334. Break in your hiking boots, and demonstrate how to properly care for them.

335. Demonstrate clothing that would be brought with you during at least two of the following types of backpacking trips: warm, cold, wet or snow and explain their purpose.

336. Identify the differences between the types of tents used for backpacking and camping for three seasons, and four seasons.

337. Sharpen an axe. (with adult supervision)

338. Cut and split firewood using an axe and splitting maul. (with adult supervision)

339. Use an axe to fell a tree. (with adult supervision)

340. Sharpen a knife. (with adult supervision)

341. Use a knife. (with adult supervision)

342. Make a teepee

343. Design and create a backpack.

344. Make a backpack.

345. Make a broom.

346. Build a boat.

347. Build a canoe.

### Cooking in Camp

- 348. Hang food for use while backpacking and camping.
- 349. Protect foods for storage in a cooler.
- 350. Use at least three methods of storing food for use while camping.
- 351. Store food for use while backpacking.
- 352. Identify safe cooking techniques while backpacking or camping.
- 353. Light a fire using no matches.
- 354. Build a fire that will keep going for one hour.
- 355. Extinguish a campfire properly.
- 356. Build three different types of fires.
- 357. Build four different types of fires.
- 358. Make a fire bow.
- 359. Light a fire using a fire bow.
- 360. Cook with no pots, pans, etc.
- 361. Cook a dish in a Dutch oven.
- 362. Keep food cool without the use of a cooler or ice.
- 363. Plan a meal and select the items necessary to prepare the meal for a meal cooked while camping.
- 364. Plan the menu for meals while camping with input and approval from your fellow crew members, budget, collect each persons share, and select the items necessary to prepare the meals for cooking while camping. Delegate the cooking of the meals.
- 365. Delegate the menu creation, budgeting, collecting of each person's share of the money, selection of the items, and cooking for an entire camping trip.
- 366. Identify the fuels used for cooking.

### Diving

- 367. Scuba dive in the ocean.
- 368. Scuba dive in a lake.
- 369. Scuba dive in a pool.
- 370. Skin dive in an ocean.
- 371. Skin dive in a lake.
- 372. Skin dive in a pool.

373. Snorkel in the ocean.

374. Snorkel in a lake.

375. Snorkel in a pool.

### Fishing

376. Master the basics of salt-water fishing.

377. Master the basics fresh-water fishing.

378. Master the basics of fly-fishing.

379. Cook fish by frying, baking and broiling.

380. Go fishing in a pond.

381. Go fishing in a lake.

382. Go fishing in the ocean.

### Hiking and Backpacking

383. Hike at least one mile.

384. Hike at least five miles.

385. Hike at least ten miles.

386. Hike at least twenty miles.

387. Hike at least fifty miles.

388. Hike at least ten miles in a single day.

389. Hike at least twenty miles in a single day.

390. Hike at night.

391. Identify at least two forms of personal lighting suitable for backpacking and show how to use them.

392. Compile two packing lists for a weekend backpacking trip, one of lightweight equipment and the other of traditional backpacking equipment, compare their weight and discuss the use of each item.

393. Dispose of human waste while backpacking according to accepted environmental practices.

394. Participate in an overnight backpacking trip.

395. Plan, organize and lead an overnight backpacking trip.

396. Participate in a two-night backpacking trip.

397. Plan, organize and lead a two-night backpacking trip.



- 398. Participate in a five-night backpacking trip.
- 399. Plan, organize and lead a five-night backpacking trip.
- 400. Participate in a fourteen-night backpacking trip.
- 401. Plan, organize and lead a fourteen-night backpacking trip.
- 402. Participate in a month-long backpacking trip.
- 403. Plan, organize and lead a month-long backpacking trip.
- 404. Avoid surprising wildlife while backpacking or hiking.
- 405. Demonstrate the health and safety practices for backpacking in the locale where you expect to hike.
- 406. List and show the clothing and equipment that you should carry while backpacking under at least two combinations of weather conditions and terrain.
- 407. Participate in a backpacking trip in at least two of the following combinations of weather conditions and terrain: rocky terrain, cold, wet, snow, and heat.
- 408. Plan, organize and lead a backpacking trip in at least two of the following combinations of weather conditions and terrain: rocky terrain, cold, wet, snow, and heat.
- 409. Participate in a backpacking trip in snow having an average depth of less than three inches.
- 410. Participate in a backpacking trip in snow having an average depth of greater than three inches.
- 411. Plan, organize and lead a backpacking trip in snow having an average depth of less than three inches.
- 412. Plan, organize and lead a backpacking trip in snow having an average depth of greater than three inches.
- 413. Participate in a backpacking trip involving the use of canoes, kayaks, or other watercraft.
- 414. Plan, organize and lead a backpacking trip involving the use of canoes, kayaks, or other watercraft.
- 415. Participate in a backpacking trip on an island.
- 416. Plan, organize and lead a backpacking trip on an island.
- 417. Prevent foot injuries while backpacking.
- 418. Demonstrate how to provide first aid for blisters, hotspots and other foot conditions.
- 419. Store your equipment before sleeping during a backpacking trip.
- 420. Identify the differences between types of hiking boots. Discuss the differences between Gore-Tex and non Gore-Tex boots.
- 421. Identify the methods of crossing a stream.
- 422. Identify the methods of crossing a river (slow versus fast, deep versus shallow.)
- 423. Participate in a backpacking trip along the Appalachian Trail.

- 424. Plan, organize and lead a backpacking trip along the Appalachian Trail.
- 425. Participate in a backpacking trip along the Pacific Crest Trail.
- 426. Plan, organize and lead a backpacking trip along the Pacific Crest Trail.
- 427. Participate in a backpacking trip along the Continental Divide Trail.
- 428. Plan, organize and lead a backpacking trip along the Continental Divide Trail.
- 429. Hike through the Appalachian Trail.
- 430. Hike through the Pacific Crest Trail.
- 431. Hike through the Continental Divide Trail.
- 432. Hike through a trail of your choice.
- 433. Plan, organize, and lead the creation of a trail. Use signs and labels as appropriate; create a map for the trail.
- 434. Demonstrate how to pack your backpack.

### Horsemanship

- 435. Master the basics of riding the western saddle.
- 436. Demonstrate the proper use and storage of western tack.
- 437. Master the basics of riding the English saddle.
- 438. Demonstrate the proper use and storage of English tack.
- 439. Plan, organize, and lead a horseback ride.
- 440. Go horseback riding.
- 441. Horseback ride at least one mile
- 442. Horseback ride at least five miles.
- 443. Horseback ride at least 10 miles.
- 444. Attend a polo match.

### Knots and Rope-work

- 445. Name the parts of a rope.
- 446. Tie an end knot and two bends.
- 447. Tie a bend and two hitches.
- 448. Tie four hitches.

- 449. Tie two standing loops.
- 450. Tie a running loop.
- 451. Tie a power cinch.
- 452. Fuse the end of a rope.
- 453. Whip the ends of a rope.
- 454. Back-splice the end of a rope.
- 455. Eye-splice the end of a rope.
- 456. Join two ends of a rope with a short splice.
- 457. Join two ends of a rope with a long splice.
- 458. Tie five knots in one minute.
- 459. Tie five knots and explain their purpose.
- 460. Tie ten knots and explain their purpose.
- 461. Tie fifteen knots and explain their purpose.
- 462. Lash a tripod together to hold something.
- 463. Build a rope bridge.
- 464. Build an object of sticks and rope for use in camp.

### Orienteering

- 465. Make a compass using a needle and a bowl of water.
- 466. Shoot an azimuth with an orienteering compass.
- 467. Plot a back azimuth with an orienteering compass, map and protractor.
- 468. Demonstrate the use of a compass.
- 469. Correct for declination.
- 470. Determine your average pace.
- 471. Find five major, three minor and two supplementary terrain features on a topographic map.
- 472. Locate a position on a topographic map.
- 473. Determine a distant position on a topographic map by intersection.
- 474. Determine your own position on a topographic map by resection.

- 475. Use a compass to travel five miles.
- 476. Participate in an orienteering event.
- 477. Lay out an orienteering problem.
- 478. Plan, organize and lead an orienteering event.
- 479. Draw a planimetric map and use it.
- 480. Draw a topographical map and use it.
- 481. Keep a journal of a trip include maps and photographs.
- 482. Demonstrate how to use a map and what ten of the symbols on the map mean.
- 483. Explain what true north is and its effect on orientation.
- 484. Determine your position using a GPS device.
- 485. Plan your route using a GPS device.
- 486. Record your route using a GPS device.
- 487. Determine direction without a compass.

### Outdoor Safety and First Aid

- 488. Obtain safe water while backpacking. Distinguish between purification and filtration. Demonstrate at least four methods of obtaining safe water while backpacking, for example iodine and chlorine tablets, boiling, water filtration devices, water purification devices, etc.
- 489. Identify common poisonous animals, insects, and reptiles; describe avoidance techniques and demonstrate how to provide first aid upon contact.
- 490. Identify twenty poisonous animals, insects, and reptiles; describe avoidance techniques and demonstrate how to provide first aid upon contact.
- 491. Identify twenty of each of the following: poisonous animals, insects, and reptiles; describe avoidance techniques and demonstrate how to provide first aid upon contact.
- 492. Demonstrate first aid for snakebite and describe avoidance techniques.
- 493. Demonstrate first aid for an insect bite and describe avoidance techniques.
- 494. Demonstrate first aid for a reptile bite and describe avoidance techniques.
- 495. Demonstrate first aid for shock and describe avoidance techniques.
- 496. Demonstrate first aid for heat stroke and describe avoidance techniques.
- 497. Demonstrate first aid for heat exhaustion and describe avoidance techniques.
- 498. Demonstrate first aid for hypothermia and describe avoidance techniques.

- 499. Demonstrate first aid for sunburn and describe avoidance techniques.
- 500. Demonstrate first aid for burns and describe avoidance techniques.
- 501. Demonstrate first aid for frostbite and describe avoidance techniques.
- 502. Demonstrate first aid for snow blindness and describe avoidance techniques.
- 503. Obtain help when someone is injured while backpacking.
- 504. Protect against common forms of insects while outdoors.
- 505. Protect against common forms of poisonous plants while outdoors.
- 506. Identify common poisonous plants, describe avoidance techniques and demonstrate how to provide first aid upon contact.
- 507. Identify twenty poisonous plants, describe avoidance techniques and demonstrate how to provide first aid upon contact.
- 508. Demonstrate first aid for altitude sickness and how to avoid it.
- 509. Demonstrate how to transport an injured person from an inaccessible area to a place of safety.
- 510. Explain why salt is a valid supplement when outdoors.
- 511. Explain the seriousness of tetanus and describe avoidance techniques.

### Sailing

- 512. Raise a sail on a sail boat.
- 513. Master the basics of sailing.
- 514. Sail one mile.
- 515. Sail five miles.
- 516. Sail ten miles.
- 517. Sail twenty miles.
- 518. Sail fifty miles.
- 519. Sail one hundred miles.

### Signaling

- 520. Send a message of at least ten words by four methods of signaling.
- 521. Leave a message on a trail.
- 522. Leave three different messages on a trail.
- 523. Leave ten different messages on a trail.

524. Use Morse code to send an SOS message.

525. Use Morse code to send a message of two sentences in length.

526. Use Morse code to send a message of one page.

#### Skiing, Snowboarding and Snowshoeing

527. Discuss avalanche safety.

528. Master the basics of cross-country snow skiing.

529. Ski at least one mile on cross-country skis.

530. Master the basics of downhill skiing.

531. Ski downhill on a slope appropriate to your skills.

532. Make a pair of snowshoes.

533. Master the basics of walking on snowshoes.

534. Travel at least one mile on snowshoes.

535. Walk five miles in snowshoes in a single day.

536. Master the basics of skateboarding.

537. Master the basics of snowboarding.

#### Swimming and Water Safety

538. Swim 50 yards.

539. Earn a Red Cross certification for a water safety instructor.

540. Earn a Red Cross certification for basic life saving.

541. Earn a Red Cross certification for advanced life saving.

542. Earn a Red Cross certification for basic swimming.

543. Earn a Red Cross certification for intermediate swimming.

544. Earn a Red Cross certification for advanced swimming.

545. Demonstrate a leap entrance into the water in order to save someone from drowning.

546. Swim fifty yards.

547. Swim one hundred yards.

548. Swim one mile.

549. Demonstrate two swimming strokes.

550. Demonstrate three swimming strokes.

551. Demonstrate four swimming strokes.

552. Demonstrate five swimming strokes.

### Spelunking (Cave Exploration)

553. Visit a cave.

554. Visit two caves.

555. Visit five caves.

556. Go spelunking with proper equipment and supervision.

### Tracking and Trailing

557. Follow the tracks of an animal in nature.

558. Identify the track of five different kinds of animals.

559. Train your dog to track.

### Wilderness Survival

560. Create a personal survival kit for use while backpacking.

561. Catch a fish with your hands.

562. Build a snow shelter and sleep at least one night in it under winter conditions involving snow.

563. Build an igloo and sleep at least one night in it.

564. Make a bow and arrow that will shoot twenty yards or more.

565. Make a bow and arrow that will shoot fifty yards or more.

566. Make a bow and arrow that will shoot one hundred yards or more.

567. Demonstrate how to react to an encounter with a black bear.

568. Demonstrate how to react to an encounter with a brown bear.

569. Demonstrate how to react to an encounter with a grizzly bear.

570. Demonstrate how to react to an encounter with a polar bear.

571. Weave material found in the wild and create something useful.

572. Weave material found in the wild and create something large and useful.

573. Light a fire using three different methods none of which include a match.

574. Construct three types of improvised outdoor shelters and spend at least one night in one of them.

### Science and Nature

#### Architecture

575. Visit three unusual engineering or architecturally designed structures and discuss with a professional the method of creation and the specific use of materials involved.

576. Plan and design a house.

577. Plan and design a dam.

578. Plan and design an airplane.

#### Astronomy

579. Explain what the North Star is and its significance in history.

580. Locate the North Star and provide relevant information about it.

581. Explain what the South Star is and its significance in history.

582. Locate the South Star and provide relevant information about it.

583. Locate and identify ten constellations. Diagram the constellations you have identified and explain their significance.

584. Make a telescope.

585. Distinguish between planets and stars in the sky and point out at least one planet.

586. Tell time without a clock.

#### Bird Study

587. Visit a bird sanctuary.

588. Build and use a birdhouse to identify the birds that use the birdhouse.

589. Take a census of birds.

#### Environmental Awareness

590. Plan, organize, and lead a recycling school awareness event.

591. Plan, organize, and lead a conservation school awareness event.

592. Visit a forest that was on fire no more than a few years ago.

593. Plan, organize, and lead a tree planting.

594. Plant fifty tree seedlings and tell us why you chose them for the area planted.



### Geology

- 595. Collect and identify 10 different minerals or rocks. Explain the difference between a mineral and a rock.
- 596. Collect a geode and explain what it is.
- 597. Pan for gold.
- 598. Visit a mining camp.

### Herpetology

- 599. Tour a serpentarium.
- 600. Tour a herpetarium.

### Meteorology

- 601. Identify five cloud formations in the sky and explain the significance of each.
- 602. Identify three ways to predict rain.
- 603. Create a rain measurement gauge.
- 604. Create a wind vane.
- 605. Create a barometer.
- 606. Forecast the weather in the immediate and short term.
- 607. Identify weather signals (small craft warnings etc.)

### Nature Study

- 608. Collect, identify and mount 20 varieties of insects.
- 609. Catch a butterfly and release it.
- 610. Catch five species of butterfly and mount them.
- 611. Collect and identify 20 varieties of leaves, bark, and wood from trees and plants.
- 612. Tour an animal sanctuary.
- 613. Tour a national park.
- 614. Tour a national forest.
- 615. Catch and release a firefly.
- 616. Identify twenty endangered species and how you can play a part in their preservation.
- 617. Identify five types of trees, identify their characteristics and discuss the uses of each species.

- 618. Identify ten types of trees, identify their characteristics and discuss the uses of each species.
- 619. Identify twenty types of trees, identify their characteristics and discuss the uses of each species.
- 620. Identify thirty types of trees, identify their characteristics and discuss the uses of each species.
- 621. Re-pot a plant or tree.
- 622. Identify ten animals normally found in a jungle.
- 623. Identify the tracks of ten animals or birds.
- 624. Track ten animals or birds.
- 625. Identify the tracks of ten animals or birds in the snow.
- 626. Track ten animals or birds in the snow.
- 627. Track three people.
- 628. Track three people in the snow.
- 629. Make plaster casts of the tracks of five animals or birds.
- 630. Identify ten animals normally found in a desert.
- 631. Identify ten animals normally found in the ocean.
- 632. Track five animals or birds.
- 633. Identify ten varieties of snakes and tell us what we should know about each.
- 634. Visit a river.
- 635. Visit a lake.
- 636. Visit a meteor crater.
- 637. Visit a volcano.
- 638. Visit a fault line.
- 639. Visit a rain forest.
- 640. Visit a desert.
- 641. Whale watch.
- 642. Swim with a dolphin.
- 643. Hold a non-poisonous snake.
- 644. Identify three types of scat.
- 645. Visit an animal preserve.

646. Visit a zoo.

647. Visit an aquarium.

Health, Fitness and Sports

Athletics

648. Name twenty sports.

649. Master the basics of a sport.

650. Participate in five sports.

651. Teach the fundamentals of a sport to a beginner.

652. Throw a ball twenty yards.

653. Win a game of Frisbee golf.

654. Participate in a game of volleyball.

655. Participate in a game of football.

656. Participate in a game of baseball, stickball, or softball.

657. Participate in a game of basketball.

658. Participate in a game of soccer.

659. Participate in a lesson of martial arts.

660. Participate in a lesson of boxing.

661. Play a par three golf course.

662. Play eighteen holes of golf.

663. Play a game of tennis.

664. Identify five strategies used in a sport for instance baseball, football, soccer, karate, etc.

665. Jog one mile.

666. Jog five miles in a single day.

667. Jog ten miles in a single day.

668. Jog twenty miles in a single day.

669. Shadow a staff person (other than the manager) of a sports facility.

670. Tour a sports facility.

671. Master the basics of surfboarding.

672. Master the basics of skating with roller-blades.

673. Make ten baskets in a row. (Basketball)

674. Make a basket from half court. (Basketball)

675. Make a lay-up. (Basketball)

676. Interview a professional Surfer.

677. Interview a professional Skateboarder.

678. Interview an extreme sport professional.

679. Spin a basketball on your finger.

680. Design a plan to reduce daily stress.

681. Attend a rodeo.

### Bicycling

682. Repair at least five things on a bicycle.

683. Change a tire on a bicycle.

684. Ride a bicycle one mile in a single day.

685. Ride a bicycle five miles in a single day.

686. Ride a bicycle ten miles in a single day.

687. Ride a bicycle twenty miles in a single day.

688. Ride a bicycle fifty miles.

### Health

689. Keep a log of your health including measurements of your weight and body-measurements and keep a log for thirty days.

690. Keep a log of your health including measurements of your weight and body measurements; keep a log for one year.

691. Visit a doctor and have a physical.

692. Identify the risks of excessive cholesterol levels and identify ways to control it.

693. Identify the risks of high and low blood pressure and identify avoidance techniques.

694. Identify the risks of diabetes and discuss treatment.

695. Obtain a copy of your immunization records and verify that they are up to date.

### Recreation (excluding outdoor stuff)

### Hobbies

696. Name twenty hobbies.

697. Organize a collection of something that interests you and meet with a professional collector of the item you collect. Discuss with that collector the value of your collection, what you can do to improve the value of your collection, and what you can do to expand your collection.

### Games

698. Master the rules and some basic tactics of chess.

699. Play a role-playing game.

700. Play a strategy board game.

701. Play backgammon.

### Photography

702. Photograph twenty animals.

703. Photograph twenty birds.

704. Photograph twenty fish.

705. Photograph twenty animals in their natural environment (no pets.)

706. Photograph twenty birds in their natural environment (no pets.)

707. Photograph twenty fish in their natural environment (no pets.)

708. Photograph twenty people.

709. Photograph twenty scenic sites.

710. Photograph twenty different people at varying jobs.

711. Photograph twenty objects or people in close-up mode.

712. Act as a photographer's assistant.

713. Learn what format is necessary for submission of photographs for publication in a magazine or periodical and submit a photograph positively portraying an experience in scouting. (Remember written permission must be obtained from those in the photograph prior to the submission.)

714. Take photographs using a roll of color film of your teammates and yourself participating in scouting.

715. Take photographs using a roll of black and white film of your teammates and yourself participating in scouting.

716. Take at least twenty-four digital photographs of your teammates and yourself participating in scouting.

717. Take photographs using a roll of color film of your family, friends, and pets.

718. Take photographs using a roll of black and white film of your family, friends, and pets.

719. Take at least twenty-four digital photographs of your family friends, and pets.

720. Edit a photo.

721. Crop a photograph.

722. Remove red eye from a photograph.

723. Develop a roll of black and white film.

724. Develop a roll of color film.

725. Enlarge a photograph using a non-computer photo enlarger.

726. Print a black and white photograph.

727. Print a color photograph.

728. Take photographs underwater.

729. Tour a photo developing facility.

730. Tour a photography dark room.

731. Create a photo album.

732. Create a photo album of your experience in scouting.

### Creative Design

733. Design and build a model of a space colony.

734. Design and build a model of an ideal bedroom.

735. Design and build a model of an ideal residential building.

736. Design and build a model of a car.

737. Design and build a model of space vehicle.

738. Design and build a model of a bridge.

739. Design and build a bridge.

### Vocational

740. Shadow a doctor.

741. Shadow a truck driver.

742. Shadow a museum curator.

743. Shadow a museum docent.

- 744. Shadow a musician.
- 745. Shadow a plumber.
- 746. Shadow a professional athlete.
- 747. Shadow a writer.
- 748. Shadow a newspaper journalist.
- 749. Shadow a broadcast journalist.
- 750. Shadow a private detective.
- 751. Shadow a lifeguard.
- 752. Shadow a dentist.
- 753. Shadow a personal trainer.
- 754. Shadow a chimney sweep.
- 755. Shadow a florist.
- 756. Shadow a furniture maker.
- 757. Shadow a polygraph examiner.
- 758. Shadow a public relations Professional.
- 759. Shadow a real estate professional.
- 760. Shadow someone in the recording industry.
- 761. Shadow a restaurant manager.
- 762. Shadow a sign maker.
- 763. Shadow someone in the military.
- 764. Shadow a social worker.
- 765. Shadow a party/event planner.
- 766. Shadow a veterinarian.
- 767. Shadow a leader of a non-religious organization.
- 768. Shadow a religious leader.
- 769. Shadow a manager of a sports facility.
- 770. Shadow a clothing designer.
- 771. Shadow a land surveyor.

- 772. Shadow a swimming pool service attendant.
- 773. Shadow a talent agent.
- 774. Shadow a casting director.
- 775. Shadow a travel agent.
- 776. Shadow a television or film producer.
- 777. Shadow a television or film writer.
- 778. Shadow a mapmaker.
- 779. Shadow someone in the computer industry.
- 780. Shadow a retail store manager.
- 781. Shadow a principal of a school.
- 782. Shadow someone working at an airport.
- 783. Shadow a park employee.
- 784. Shadow a judge.
- 785. Shadow an attorney.
- 786. Shadow an insurance agent.
- 787. Shadow an accountant/CPA.
- 788. Shadow a contractor.
- 789. Shadow a nurse.
- 790. Shadow a mechanic.
- 791. Shadow a teacher.
- 792. Shadow a salesperson.
- 793. Shadow a banker.
- 794. Shadow five different vocational persons.
- 795. Shadow ten different vocational persons.
- 796. Shadow twenty different vocational persons.
- 797. Shadow a forest ranger.
- 798. Shadow a police person.
- 799. Shadow a fire person.



- 800. Shadow someone who works at a hospital.
- 801. Shadow a carpenter.
- 802. Shadow a gardener.
- 803. Shadow a horticulturalist.
- 804. Shadow a government employee.
- 805. Shadow an elected official.
- 806. Shadow the owner of a company.
- 807. Shadow the CEO of a company.
- 808. Shadow a librarian.
- 809. Shadow a poet.
- 810. Shadow an artist.
- 811. Shadow someone in the movie industry.
- 812. Shadow someone in the television industry.
- 813. Shadow a rancher.
- 814. Shadow an officer of an organization.
- 815. Shadow an arbitrator.
- 816. Shadow a mediator.
- 817. Shadow someone in the office of registrar of elections.
- 818. Shadow a professional in the weather industry.
- 819. Interview someone and write an article from the information obtained in the interview.
- 820. Interview a reporter or journalist.
- 821. Interview a teacher.
- 822. Interview a principal.
- 823. Interview a police officer.
- 824. Interview a firefighter.
- 825. Interview a paramedic.
- 826. Interview someone in the military.

## North Star Challenges

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- 827. Interview someone who fought in World War II.
- 828. Interview someone who fought in Korea.
- 829. Interview someone who fought in Vietnam.
- 830. Interview someone who fought in the Gulf War.
- 831. Interview someone who fought in Afghanistan.
- 832. Interview someone who fought in Iraq.
- 833. Interview someone who has traveled abroad.
- 834. Interview someone who has lived abroad.
- 835. Shadow a professional Surfer.
- 836. Shadow a professional Skateboarder.
- 837. Shadow an extreme sport professional.
- 838. Interview someone who served in active conflict.
- 839. Interview someone who was adopted.
- 840. Interview someone from the civil rights movement.
- 841. Name ten jobs within the music industry. Tell us what each of them does.
- 842. Tour an auto mechanic shop.
- 843. Tour a gasoline station
- 844. Name ten jobs within the film industry. Tell us what each of them does.
- 845. Name ten jobs involved in the publication of a book. Tell us what each of them does.
- 846. Act as a salesperson's assistant.
- 847. Act as a doctor's assistant.
- 848. Act as a teacher's assistant.
- 849. Act as a salespersons assistant.
- 850. Visit a manufacturing plant.
- 851. Visit a police station.
- Miscellaneous
- 852. Identify twenty varieties of flowers. Mount 10 of them and discuss the differences between them.
- 853. Make a floral display.

854. Distinguish between ten types of flowers and five types of garnish used for floral displays.

855. Master the basics of runway modeling.

856. Master the basics of a popular dance form.

857. Copy a movie to DVD for personal use.

858. Tour the cab of a truck.

859. Tour a trucking company.

860. Tour a ship.

861. Tour a dry cleaning store.

862. Tour a zoo.

863. Tour an arena.

864. Tour a finger printing division of a police department.

865. Tour a stable.

866. Tour a locksmith's shop.

867. Tour a pizza establishment.

868. Tour a fast food establishment.

869. Tour a nursing home.

870. Tour a religious institution.

871. Tour a college or university.

872. Tour a restaurant.

873. Tour a fitness gym.

874. Tour a recording studio.

875. Tour a golf course.

876. Tour a pet store.

877. Tour a marina.

878. Tour an alarm monitoring station.

879. Tour a gas station.

880. Tour a social service organization.

881. Tour a college.

- 882. Tour a hotel.
- 883. Tour a motel.
- 884. Tour a kennel.
- 885. Tour a military base or facility.
- 886. Tour a home improvement store.
- 887. Tour a library.
- 888. Tour a doctor's office.
- 889. Tour a movie theatre.
- 890. Tour a printing plant.
- 891. Tour a magazine/periodical office.
- 892. Tour an election campaign office.
- 893. Tour a moving and storage facility.
- 894. Tour a greenhouse or nursery.
- 895. Tour an oil well.
- 896. Tour a television studio.
- 897. Tour a movie studio.
- 898. Tour a self-service storing facility.
- 899. Tour the offices of a telephone company.
- 900. Tour a thrift shop.
- 901. Tour an upholstery plant.
- 902. Tour a hospital.
- 903. Tour a pool store.
- 904. Tour a clothing manufacturer.
- 905. Tour a stock brokerage office.
- 906. Tour the exchange of a stock exchange.
- 907. Tour a bank.
- 908. Tour a horse stable or equestrian center.
- 909. Tour a children's hospital.

- 910. Tour a planetarium.
- 911. View an IMAX movie.
- 912. Tour an IMAX movie theatre.
- 913. Tour a museum.
- 914. Tour an art gallery.
- 915. Tour a train.
- 916. Ride a train.
- 917. Identify ten adventures you would like to do within a year.
- 918. Identify ten adventures you would like to do within five years.
- 919. Identify ten adventures you would like to do within your lifetime.
- 920. Read a book and tell us why you chose it, what you liked about it, what you didn't like about it, and why we should read it or not.
- 921. Tell us about the journey of Lewis and Clark.
- 922. Tell us about an individual who changed the world, how they did so, and why.
- 923. Tell us about an individual who impacted your life, how they did so, and why.
- 924. Lead a single brainstorming session.
- 925. Plan and lead an entire brainstorming process of something.
- 926. Delegate a task.
- 927. See a movie and tell us about it. Tell us what you liked or disliked.
- 928. See three movies; name the two leading actors and actresses and the directors of each film.
- 929. Name five things you can do to improve your appearance.
- 930. Do five things to improve your appearance.
- 931. Demonstrate a single Professional wrestling move.
- 932. Demonstrate three Professional wrestling moves.
- 933. Attend a Professional Wrestling Match.
- 934. Identify the differences in five magazine periodicals.
- 935. Milk a cow.
- 936. Shine a pair of shoes.

- 937. Clean a pair of sneakers.
- 938. Clean a baseball hat.
- 939. Place a telephone call using a cellular telephone.
- 940. Enter telephone numbers in the directory of a cellular telephone.
- 941. Use the directory of a cellular telephone to place a telephone call.
- 942. Choose a ring option for a cellular telephone.
- 943. Configure the voicemail option on a cellular telephone.
- 944. Use a cellular telephone to take and send a photograph.
- 945. Identify three inventions and re-create the item invented.
- 946. Build a model.
- 947. Build a model made of wood.
- 948. Make a kaleidoscope.
- 949. Make a candle.
- 950. Bind a book using the glue method.
- 951. Demonstrate the difference between counseling and offering advice.
- 952. Tell a story.

### Hobbies and Personal Interests

#### Aviation and Model Rocketry

- 953. Learn about radar and its uses, dangers, and importance.
- 954. Launch a rocket.
- 955. Launch a rocket with an altitude of over 10 feet.
- 956. Launch a rocket with an altitude of over 20 feet.
- 957. Launch a rocket with an altitude of over 50 feet.
- 958. Launch a rocket with an altitude of over 100 feet.
- 959. Launch a two stage rocket.
- 960. Build a rocket.
- 961. Pilot the flight of a model airplane.
- 962. Fly a kite.

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963. Visit a hot air balloon show.

964. Visit a blimp.

965. Tour an airport.

### American Native Culture

966. Duplicate a ceremonial Indian garment.

967. Visit an Indian reservation.

968. Visit an Indian reservation and give a demonstration about the culture.

### Art

969. Make a poster that illustrates the spirit of Adventure Scouts USA.

970. Write, create or perform a work of creative art that illustrates the Spirit of Adventure Scouts USA.

971. Make a stain glass window.

972. Create a comic book character.

973. Create a comic strip.

974. Create a comic book.

975. Create a comic book for potential use by Adventure Scouts USA.

976. Make a stained glass window.

977. Create a painting from watercolors.

978. Create a painting from pastels.

979. Create a drawing.

980. Create a self-portrait.

### Basketry

981. Make a basket.

### Computing

982. Master the basics of Word.

983. Master the basis of Excel.

984. Master the basics of Power Point.

- 985. Create a plan for a website.
- 986. Create a one page website.
- 987. Create a five page website.
- 988. Create a ten page website.
- 989. Create a twenty page website.
- 990. Create a fifty page website.
- 991. Create a search engine on a website.
- 992. Make a one-page power point presentation.
- 993. Make a ten-page power point presentation.
- 994. Demonstrate Boolean web search techniques.
- 995. Optimize a hard drive.
- 996. Type fifty words per minute.
- 997. Compute sales taxes

#### Driving and Car-Care

- 998. Learn to drive.
- 999. Change the oil in an automobile.
- 1000. Learn what automobile fluids need to be checked and where and how to check them.
- 1001. Learn what on an automobile needs to be checked to evaluate road- worthiness.
- 1002. Change an air filter in an automobile.
- 1003. Change a tire on an automobile.
- 1004. Clean a car.
- 1005. Drive or remove a bolt using a socket wrench and distinguish between types of socket wrenches.
- 1006. Demonstrate how to use an Allen wrench and distinguish between their types.
- 1007. Wax an automobile.
- 1008. Attend an auto show.
- 1009. Attend a monster truck show.
- 1010. Attend a NASCAR event.
- 1011. Tour a car dealership



### Electricity and Electronics

- 1012. Use solar energy as the source of energy to operate something.
- 1013. Build an electronic device employing a solenoid.
- 1014. Distinguish between five different electronic devices or parts and discuss the distinguishing characteristics and uses of each device.
- 1015. Distinguish between ten different electronic devices or parts and discuss the distinguishing characteristics and uses of each device.
- 1016. Distinguish between twenty different electronic devices or parts and discuss the distinguishing characteristics and uses of each device.

### Gardening

- 1017. Plant fifty seeds and explain why they were chosen for the area in which each was planted.
- 1018. Visit three unusual gardens or landscaped places and discuss with a professional the method of creation and specific materials involved.
- 1019. Create a butterfly garden.

### Home Maintenance

- 1020. Repair at least three things on a small engine for example, a lawnmower or outboard motor.
- 1021. Replace a lamp socket.
- 1022. Replace an electrical switch.
- 1023. Replace an electrical socket.
- 1024. Replace a faucet.
- 1025. Replace a kitchen sink.
- 1026. Replace a bathroom sink.
- 1027. Replace a sink drain.
- 1028. Replace a tub drain.
- 1029. Replace a commode.
- 1030. Prepare a room for painting.
- 1031. Determine the amount of paint necessary to paint a room.
- 1032. Choose paint suitable for the surface to be covered and the type of room.
- 1033. Paint a primer coat.
- 1034. Paint a room.

## North Star Challenges

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1035. Remove old wallpaper from a room.

1036. Prepare plaster for new wallpaper.

1037. Hang wallpaper on drywall.

1038. Hang wallpaper on plaster.

1039. Lay a linoleum floor covering.

1040. Solder one object to another.

1041. Master the basics of painting a wall.

1042. Paint a wall.

1043. Paint a door jam or bathroom.

1044. Stain a piece of furniture.

1045. Stain a piece of wood.

1046. Paint a piece of furniture.

1047. Paint a piece of wood.

1048. Antique a piece of furniture.

### Journaling

1049. Create a scrapbook.

1050. Keep a written journal for at least thirty days.

1051. Keep a journal for two weeks.

1052. Make a biographical picture book of events in your life.

1053. Create a scrapbook regarding your experiences in scouting.

### Marksmanship

1054. Tour a shooting range.

1055. Learn about gun safety practices and what to do when others are handling a gun.

1056. Qualify for a rating using a shotgun or a rifle.

### Pottery

1057. Create a piece of pottery.

1058. Throw a bowl.

**Pet Care**

- 1059. Clean a pet.
- 1060. Care for a pet for at least one month.
- 1061. Demonstrate how to choose a pet.
- 1062. Demonstrate proper care and feeding of a dog.
- 1063. Demonstrate proper care and feeding of a cat.
- 1064. Demonstrate proper care and feeding of a bird.

**Sewing and Tailoring**

- 1065. Sew a patch to an article of clothing.
- 1066. Master the basics of sewing by hand.
- 1067. Master the basics of sewing with a simple sewing machine.
- 1068. Hem an article of clothing.
- 1069. Patch an article of clothing.

**Theater Arts including Film and TV**

- 1070. Create a one-minute movie or video.
- 1071. Master the basic techniques of acting.
- 1072. Write and present a skit.
- 1073. Write a one-act play.
- 1074. Write a full-length play.
- 1075. Direct a one-act play.
- 1076. Direct a full-length play.
- 1077. Perform in a one-act play.
- 1078. Perform in a full-length play.
- 1079. Create sets for a one-act play.
- 1080. Create sets for a full-length play.
- 1081. Create costumes for a one-act play.
- 1082. Create costumes for a full-length play.

## North Star Challenges

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- 1083. Direct lighting for a one-act play.
- 1084. Direct lighting for a full-length.
- 1085. Juggle three balls.
- 1086. Juggle two balls in one hand.
- 1087. Perform a magic trick.
- 1088. Perform three magic tricks.
- 1089. Perform a card trick.
- 1090. Perform three card tricks.
- 1091. Conduct an experiment demonstrating how sound travels.
- 1092. Demonstrate method and materials needed to soundproof an area.
- 1093. Create five special effects within a video or film. (This does not include manual camera special effects such as fade in, fade out, haze, etc.)
- 1094. Edit a soundtrack on video or film.
- 1095. Create a soundtrack on video or film.
- 1096. Dub speaking to match someone speaking on film or video.
- 1097. Visit a theater. (not a movie theater.)
- 1098. Tour a theatre (not a movie theater.)
- 1099. Write and present a comedic presentation.
- 1100. Write and present a film or video.
- 1101. Plan and create using video or film an ad for potential use by Adventure Scouts USA.
- 1102. Write and orally present a review of a film.
- 1103. Write and using either video or film make a commercial.
- 1104. Write and using either video or film, make a documentary.
- 1105. Write and using either video or film, make a public service announcement.
- 1106. Write and using either video or film, make a short film.
- 1107. Write and using either video or film, make a feature film.
- 1108. Plan, organize, and lead a campfire program at a group event.
- 1109. Plan, organize, and lead a campfire program at a team event.

1110. Attend a play.

1111. Attend a ballet.

1112. Attend an opera.

1113. Attend the taping of a television show.

### Woodcarving

1114. Use a knife to whittle an object.

1115. Carve an object using at least two types of carving chisels.

1116. Chip-carve an object.

1117. Sharpen woodcarving tools.

1118. Demonstrate safety practices for woodcarving.

### Woodworking

1119. Turn a bowl.

1120. Drive a nail with a hammer, identify the differences between types of hammers and identify their uses.

1121. Drive a screw with a screwdriver, identify the differences types of screwdrivers and identify their uses.

1122. Drive a bolt with a wrench, identify the different types of wrenches and identify their uses.

1123. Use pliers, identify various types of pliers and identify their uses.

1124. Drive a hole using a drill, identify various types of drills and identify their uses.

1125. Cut a board using a saw, identify various types of saws and identify their uses.

1126. Smooth a surface using a plane, identify various types of planes and identify their uses.

1127. Smooth a surface using sandpaper, identify various types and grades of sandpaper and identify their uses.

1128. Make a miter box and use it to cut an angle in a board.

### Emergency Preparedness

1129. Plan, organize, and create a disaster kit.

Additions for consideration: