

# Topics for Mathematics' Tasks

## Appendix A: Suggested Topics

Category	You are going to . . .	
<i>Animals</i>	<b>Plan and Design</b>	<b>Evaluate and Recommend</b>
	Animal cage Animal tank Animal terrarium	Choose a pet
<i>Arts</i>	<b>Plan and Design</b>	<b>Evaluate and Recommend</b>
	Monument Sculpture Tangram designs	Art supply order
<i>Budget</i>	<b>Plan and Design</b>	<b>Evaluate and Recommend</b>
	Budget for a class trip Road trip Weekly schedule (time budget)	Save for a bike Save for a car Save for college
<i>Business</i>	<b>Plan and Design</b>	<b>Evaluate and Recommend</b>
	Bake sale School spirit-wear sale Club/team fundraiser	Newspaper delivery A family trip
<i>Construction</i>	<b>Plan and Design</b>	<b>Evaluate and Recommend</b>
	House Room Building Building a tree house	Home repairs Bicycle repairs
<i>Crafts</i>	<b>Plan and Design</b>	<b>Evaluate and Recommend</b>
	Jewelry box	
<i>Education</i>	<b>Plan and Design</b>	<b>Evaluate and Recommend</b>
	Game A class trip to an art museum A class trip to a science museum Cafeteria design Auditorium design	A class trip to an art museum A class trip to a science museum School calendar School schedule School festival
<i>Entertainment</i>	<b>Plan and Design</b>	<b>Evaluate and Recommend</b>
	Class party Dinner party Holiday party Designing a video game	Movies Eating out Cable television plans Video game online memberships Internet plans
<i>Environment</i>	<b>Plan and Design</b>	<b>Evaluate and Recommend</b>
	Community garden Landscaping Tree planting	Landscaping
<i>Food</i>	<b>Plan and Design</b>	<b>Evaluate and Recommend</b>
	Disaster Relief Nutrition planning Recipes	Bake sale Create a cracker/cookie box Food temperatures/timing
<i>Government</i>	<b>Plan and Design</b>	<b>Evaluate and Recommend</b>
		Helmet fines Littering fines

# Topics for Mathematics' Tasks

*continued*

	Plan and Design	Evaluate and Recommend
<i>Outdoor Activities</i>	Hiking trip School/community garden Landscaping the campus Butterfly garden Container garden Geocaching	Playground design Hiking trails
<i>Science</i>	Amusement park attraction Derby car contest Paper airplane contest Interior decorating Water bottle Soda can A robot	Relative humidity Temperature and heat transfer Evaporation rate Finding dew point Population growth Government statistics Shipping packages Planting crops
<i>Sports</i>	Track meet Olympics Obstacle course Bike race Urban adventure 5K/10K race	Bike tour Athletic equipment order Gymnasium floor redesign Exercise Plan