

Risk Assessment

Grade 7 Camping Trip

Activity	Hazard	Risk	Mitigation	Risk Rating
Walking and hiking	Tripping/falling	Broken bone, sprained joint, cuts, scrapes	<ul style="list-style-type: none"> • First aid kit • Proper walking/hiking footwear • Campsite has cellphone reception 	Medium 6
	Getting lost	Separation from group, lost overnight, need for Search and Rescue	<ul style="list-style-type: none"> • Buddy system • Carrying a whistle • Staying on designated trails 	Low 3
Making campfires	Fire	Burned skin	<ul style="list-style-type: none"> • Fire safe clothing (non-synthetic fabric) • Maintaining safe distance from flames • Containing fire in fire ring • Building small fires only 	High 12
	Knife	Cut skin	<ul style="list-style-type: none"> • Cut in direction away from user • Adult supervision • Only using when necessary to make kindling 	High 12
Dragon boating	Boat capsizing	Drowning, hypothermia	<ul style="list-style-type: none"> • Life jackets, PFDs • Following instructions of the guides 	Low 3
	Falling out of boat	Drowning, hypothermia	<ul style="list-style-type: none"> • Life jackets, PFDs • Following instructions of the guides 	Low 4

Swimming	Water	Drowning, hypothermia	<ul style="list-style-type: none"> • Life guard on duty • Life jackets, PFDs for non-swimmers • Stay in designated swim area 	Medium 4
Food allergies	Group meals	Anaphylactic shock, itchy mouth, hives, swelling of lips or face	<ul style="list-style-type: none"> • Pack food that meets dietary needs • Check with an adult if unsure of contents of food • Update teacher of food allergies 	Medium 8
Weather	Rain, wind, lightning, extreme cold or hot	Hypothermia, sun burn, trees falling, waves on beach	<ul style="list-style-type: none"> • Check weather forecast daily and react accordingly • Adjust plans when needed • Ensure all students have weather appropriate gear and clothing • 20-minute drive from town with full vehicle access • Campsite has cellphone reception 	Medium 8

Risk ratings are based on the below matrix from SafetyCulture:

5x5 Risk Matrix Example

Impact
How severe would the outcomes be if the risk occurred?

→

Probability
What is the probability the risk will happen?

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	Insignificant 1	Minor 2	Significant 3	Major 4	Severe 5
5 Almost Certain	Medium 5	High 10	Very high 15	Extreme 20	Extreme 25
4 Likely	Medium 4	Medium 8	High 12	Very high 16	Extreme 20
3 Moderate	Low 3	Medium 6	Medium 9	High 12	Very high 15
2 Unlikely	Very low 2	Low 4	Medium 6	Medium 8	High 10
1 Rare	Very low 1	Very low 2	Low 3	Medium 4	Medium 5

SafetyCulture

Guevara, P. (2025, August 5). *What is a 5x5 risk matrix & how to use it?*. SafetyCulture. <https://safetyculture.com/topics/risk-assessment/5x5-risk-matrix/>