

Outdoor Education

Outdoor Skills Development

1 Navigation skills. 1086.1

- 1 Develop proficiency in map reading, compass use, and GPS navigation for effective outdoor orientation. 1086.1.1
 - 2 Interpret topographic maps. 1086.1.2
 - 3 Demonstrate accurate compass navigation. 1086.1.3
 - 4 Utilize GPS devices for location tracking. 1086.1.4
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2 Basic survival skills. 1086.2

- 1 Develop fundamental survival skills essential for outdoor adventures. 1086.2.1
 - 2 Identify edible and medicinal plants. 1086.2.2
 - 3 Construct basic tools for survival situations. 1086.2.3
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3 Rope and knot skills. 1086.3

- 1 Master the use of ropes and knots for various outdoor applications. 1086.3.1
 - 2 Tie essential knots for securing gear and creating structures. 1086.3.2
 - 3 Use ropes for climbing and rappelling. 1086.3.3
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4 Flora and Fauna Identification 1086.4

- 1 Develop knowledge of local plant and animal species for safety and appreciation. 1086.4.1
 - 2 Identify common plants and wildlife. 1086.4.2
 - 3 Understand ecological relationships in outdoor environments. 1086.4.3
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5 Camping equipment use and maintenance. 1086.5

- 1 Understand safety protocols and risk management strategies for outdoor activities. 1086.5.1
 - 2 Assess environmental risks. 1086.5.2
 - 3 Develop and implement safety plans. 1086.5.3
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6 Outdoor photography. 1086.6

- 1 Develop basic photography skills to capture outdoor experiences. 1086.6.1
 - 2 Use cameras and smartphones for outdoor photography. 1086.6.2
 - 3 Apply composition techniques for compelling outdoor shots. 1086.6.3
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Risk Management and Safety in the Outdoors

7 Risk assessment. 1086.7

- 1 Conduct comprehensive risk assessments for outdoor activities. 1086.7.1
 - 2 Identify potential hazards and risks. 1086.7.2
 - 3 Evaluate the likelihood and severity of identified risks. 1086.7.3
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8 Emergency response planning. 1086.8

- 1 Develop effective emergency response plans for various outdoor scenarios. 1086.8.1
 - 2 Establish communication protocols during emergencies. 1086.8.2
 - 3 Formulate evacuation and response strategies. 1086.8.3
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9 First aid proficiency. 1086.9

- 1 Demonstrate proficiency in providing first aid in outdoor environments. 1086.9.1
 - 2 Assess and address common outdoor injuries. 1086.9.2
 - 3 Administer CPR and basic life support. 1086.9.3
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10 Weather monitoring and response. 1086.10

- 1 Monitor weather conditions and respond appropriately to changing weather. 1086.10.1
 - 2 Interpret weather forecasts. 1086.10.2
 - 3 Implement safety measures in adverse weather situations. 1086.10.3
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11 Group management and supervision. 1086.11

- 1 Effectively manage and supervise groups during outdoor activities. 1086.11.1
 - 2 Establish clear communication channels within the group. 1086.11.2
 - 3 Monitor participant behavior and well-being. 1086.11.3
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Adventure Education

12 Leadership development. 1086.12

- 1 Foster leadership skills through outdoor adventure experiences. 1086.12.1
 - 2 Provide opportunities for participants to take on leadership roles. 1086.12.2
 - 3 Facilitate debrief sessions to enhance leadership insights. 1086.12.3
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13 Team building strategies. 1086.13

- 1 Develop and implement effective team-building strategies for diverse groups. 1086.13.1
- 2 Analyze group dynamics. 1086.13.2
- 3 Tailor team-building activities to address specific group needs. 1086.13.3

14 Adventure programming design. 1086.14

- 1 Design adventure programs that align with educational and developmental goals. 1086.14.1
 - 2 Develop curriculum for adventure education programs. 1086.14.2
 - 3 Integrate learning outcomes into program design. 1086.14.3
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15 Adaptive leadership. 1086.15

- 1 Cultivate adaptive leadership skills to respond to changing outdoor conditions. 1086.15.1
 - 2 Train participants to adapt to unexpected challenges. 1086.15.2
 - 3 Demonstrate flexibility and resilience in outdoor scenarios. 1086.15.3
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16 Program evaluation and assessment. 1086.16

- 1 Assess the effectiveness of adventure education programs and make improvements. 1086.16.1
 - 2 Implement participant evaluations. 1086.16.2
 - 3 Conduct post-program assessments for continuous improvement. 1086.16.3
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**Interpretation and
Outdoor Education
Programming****17 Educational program design.** 1086.17

- 1 Design educational programs that align with learning objectives and participant needs. 1086.17.1
 - 2 Identify educational goals and outcomes. 1086.17.2
 - 3 Tailor programs to diverse participant backgrounds. 1086.17.3
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18 Activity planning and sequencing. 1086.18

- 1 Plan and sequence activities to create a cohesive and educational outdoor experience. 1086.18.1
 - 2 Develop itineraries for outdoor programs. 1086.18.2
 - 3 Ensure a logical flow of activities based on learning objectives. 1086.18.3
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19 Multidisciplinary integration. 1086.19

- 1 Integrate various disciplines into outdoor education programming for a holistic learning experience. 1086.19.1
- 2 Collaborate with experts in relevant fields (e.g., ecology, history). 1086.19.2
- 3 Incorporate interdisciplinary concepts into programs. 1086.19.3

20 Curriculum development. 1086.20

- 1 Develop curriculum materials that support outdoor education programs. 1086.20.1
 - 2 Create lesson plans and instructional materials. 1086.20.2
 - 3 Align content with educational standards. 1086.20.3
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21 Community involvement. 1086.21

- 1 Involve and engage the local community in outdoor education programs. 1086.21.1
 - 2 Collaborate with local organizations and experts. 1086.21.2
 - 3 Facilitate community-based learning experiences. 1086.21.3
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Leave No Trace Principles**22 Principles understanding.** 1086.22

- 1 Demonstrate a comprehensive understanding of the Leave No Trace principles. 1086.22.1
 - 2 Explain each of the seven Leave No Trace principles. 1086.22.2
 - 3 Understand the rationale behind the principles and their environmental impact. 1086.22.3
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23 Application of principles. 1086.23

- 1 Apply Leave No Trace principles in various outdoor settings. 1086.23.1
 - 2 Implement principles during camping, hiking, and other outdoor activities. 1086.23.2
 - 3 Adapt principles to specific ecosystems and environments. 1086.23.3
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24 Integration into outdoor programming. 1086.24

- 1 Integrate Leave No Trace principles into outdoor education and tourism programs. 1086.24.1
 - 2 Design programs that educate participants on responsible outdoor practices. 1086.24.2
 - 3 Incorporate Leave No Trace principles into trip planning and itineraries. 1086.24.3
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25 Evaluation of Leave No Trace programs. 1086.25

- 1 Evaluate the effectiveness of Leave No Trace education and advocacy programs. 1086.25.1
- 2 Develop assessment tools for program evaluation. 1086.25.2
- 3 Gather feedback from participants and stakeholders. 1086.25.3

26 Continuous learning and adaptation. 1086.26

- 1 Participate in ongoing education on Leave No Trace. 1086.26.1
- 2 Adjust practices based on new information and best practices. 1086.26.2