

2024-2025

Technical Skills Assessment

Ecology and Natural Resource Management

Results by Standard

	Legend (%)	
0-50%	51-75%	76-100%

Assessment: Ecology and Natural Resource Management	% Correct 21	% Correct 22	% Correct 23-	% Correct 24-
Number tested: 13	22	23	24	25
CONTENT STANDARD 1.0: EXPLORE NATURAL RESOURCE SCIENCE AND MANAGEMENT	76.54%	75.73%	66.97%	84.29%
Performance Standard 1.1: Investigate The Relationship Between Natural Resources And Society, Including Conflict Management	74.07%	71.56%	64.65%	83.33%
1.1.1 Define natural resource management	80.25%	80.00%	71.21%	85.71%
1.1.5 Explain natural resource conservation. Investigate the effects of multiple uses of natural resources (e.g., recreation, mining, agriculture, forestry, public lands grazing, etc.)	69.14%	74.67%	71.21%	90.48%
1.1.7 Explore societal issues and conflicts related to natural resource management	72.84%	60.00%	51.52%	73.81%
Performance Standard 1.2: Explain Interrelationships Between Natural Resources And Humans In Managing Natural Environments	80.25%	82.00%	70.45%	85.71%
1.2.1 Identify the demands of population growth on natural resources and the environment	74.07%	84.00%	77.27%	82.14%
1.2.2 Examine the use and management of renewable and nonrenewable resources	83.33%	78.00%	68.18%	92.86%
1.2.3 Describe the role of individuals in stewardship of the environment	83.33%	84.00%	65.91%	82.14%
CONTENT STANDARD 2.0: INVESTIGATE ECOLOGICAL CONCEPTS AND SCIENTIFIC PRINCIPLES RELATED TO NATURAL RESOURCE SYSTEMS	75.06%	72.80%	69.09%	84.29%
Performance Standard 2.1: Explore Ecological Principles In Natural Resource Management	70.99%	70.67%	65.91%	84.52%
2.1.2 Identify natural processes that govern ecosystems over time	66.67%	72.00%	63.64%	83.33%
2.1.3 Describe the interdependence of organisms within an ecosystem (i.e., food chains and webs)	75.31%	69.33%	68.18%	85.71%
Performance Standard 2.2: Explore Properties Of Soil	76.54%	73.33%	69.70%	83.33%
2.2.2 Identify soil texture	76.54%	73.33%	69.70%	83.33%
Performance Standard 2.3: Explore Principles Of Hydrology	78.40%	74.67%	71.97%	84.52%
2.3.1 Define watersheds and explain their hydrological and ecological function	86.42%	74.67%	75.76%	83.33%
2.3.4 Describe the function of wetlands and importance of wetland management	70.37%	74.67%	68.18%	85.71%
CONTENT STANDARD 3.0: EXPLORE PRINCIPLES OF RANGELAND MANAGEMENT	62.17%	69.71%	58.44%	71.43%
Performance Standard 3.1: Identify Rangeland Types And Management Practices	61.73%	67.33%	54.55%	70.24%
3.1.1. Define rangelands and identify key characteristics	55.56%	68.00%	50.00%	67.86%

Number tested: 13 22 23 24 25	Assessment: Ecology and Natural Resource Management	% Correct 21	% Correct 22	% Correct 23-	% Correct 24-
3.1.6 Identify impacts of use on rangelands 81.48% 78.00% 65.91% 85.71%	Number tested: 13	22	23	24	25
Performance Standard 3.3: Identify Common Idaho Rangelands Plants 59.26% 70.00% 64.39% 70.24% 3.3.1 Identify morphological characteristics of rangeland plants 43.52% 61.00% 53.41% 57.14% 57.14% 83.00% 86.36% 96.43% 96.43% 76.24% 88.00% 86.36% 96.43% 76.24% 88.00% 86.36% 96.43% 76.24% 88.00% 86.36% 96.43% 76.20% 78.57% 7	3.1.5 Identify laws, policies and managing entities of rangelands	48.15%	56.00%	47.73%	57.14%
3.3.1 Identify morphological characteristics of rangeland plants 43.52% 61.00% 53.41% 57.14% 3.3.5 Define native, introduced, invasive, noxious and poisonous plants 90,74% 88.00% 86.36% 96.43% Performance Standard 3.4: Apply Rangeland Management Practices 72.22% 76.00% 52.27% 78.57% 3.4.1 Identify key components of a management plan 72.22% 76.00% 52.27% 78.57% 3.4.5 Determine stocking rates based on animal demand and forage supply 62.82% 65.85% 53.85% 68.41% CONTENT STANDARD 4.0: EXAMINE FOREST RESOURCES AND MANAGEMENT 60.00% 56.00% 48.64% 63.57% Performance Standard 4.1: Identify Forest Types And Management Practices 38.27% 34.67% 28.79% 28.57% 4.1.1 Define forests and identify key characteristics of forest plants 83.95% 68.00% 57.58% 83.10% 4.1.5 Identify multiple uses of forests 54.32% 58.67% 54.55% 69.05% 4.1.5 Identify in multiple uses of forests 54.32% 58.67% 54.55% 69.05% 4.1.6 Identify laws, policies and managing entities of for 62.96% 58.00% 52.27% 60.71% Pe	3.1.6 Identify impacts of use on rangelands	81.48%	78.00%	65.91%	85.71%
3.3.5 Define native, introduced, invasive, noxious and poisonous plants Performance Standard 3.4: Apply Rangeland Management Practices 72.22% 76.00% 52.27% 78.57% 3.4.1 Identify key components of a management plan 72.22% 76.00% 52.27% 78.57% 3.4.5 Determine stocking rates based on animal demand and forage supply 62.82% 65.85% 53.85% 68.41% 60.00% 56.00% 48.64% 63.57% Performance Standard 4.1: Identify Forest Types And Management Practices 38.27% 34.67% 28.79% 28.57% 4.1.1 Define forests and identify key characteristics of forest plants 4.1.3 Assess different methods of forest management 70.37% 76.00% 53.64% 78.57% 4.1.5 Identify multiple uses of forests 54.32% 58.66% 58.00% 52.27% 60.71% Performance Standard 4.2: Understanding The Historic, Environmental, Social And 62.96% 58.00% 52.27% 60.71% Performance Standard 4.2: Understanding The Historic, Environmental, Social And 62.96% 58.00% 52.27% 60.71% Performance Standard 4.3: Identify Common Idaho Forests 64.02% 72.57% 58.44% 74.49% Performance Standard 4.3: Identify Common Idaho Forest Plants 51.85% 66.66% 50.00% 50.00% 71.43% 4.3.1 Identify morphological characteristics of forest plants 51.85% 66.66% 50.00% 50.00% 71.43% Performance Standard 4.3: Identify Common Idaho Forest Plants 51.85% 66.66% 50.00% 50.00% 71.43% Performance Standard 4.4: Apply Forest Management Practices 61.11% 72.00% 59.09% 78.57% 4.4.1 Identify key components of a management plant 76.54% 78.67% 56.06% 56.00% 50.00% 71.43% Performance Standard 4.4: Apply Forest Management Practices 61.11% 72.00% 59.09% 78.57% 4.4.1 Identify key components of a management plants 65.66% 58.89% 72.80% 57.27% 67.14% CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 68.89% 72.80% 57.27% 67.14%	Performance Standard 3.3: Identify Common Idaho Rangelands Plants	59.26%	70.00%	64.39%	70.24%
Performance Standard 3.4: Apply Rangeland Management Practices 72.22% 76.00% 52.27% 78.57% 3.4.1 Identify key components of a management plan 72.22% 76.00% 52.27% 78.57% 3.4.5 Determine stocking rates based on animal demand and forage supply 62.82% 65.85% 53.85% 68.41% 60.00% 62.82% 65.85% 53.85% 68.41% 63.57% 62.82% 65.85% 53.85% 68.41% 63.57% 62.82% 65.85% 63.45% 63.57% 62.82% 65.85% 63.45% 63.57% 62.82% 65.85% 63.45% 63.57% 62.82% 65.85% 63.45% 63.57% 60.00% 63.64% 63.57% 63.64% 63.57% 63.64% 63.57% 64.01%	3.3.1 Identify morphological characteristics of rangeland plants	43.52%	61.00%	53.41%	57.14%
3.4.1 Identify key components of a management plan 72.22% 76.00% 52.27% 78.57% 3.4.5 Determine stocking rates based on animal demand and forage supply 62.82% 65.85% 53.85% 68.41% CONTENT STANDARD 4.0: EXAMINE FOREST RESOURCES AND MANAGEMENT 60.00% 56.00% 48.64% 63.57% Performance Standard 4.1: Identify Forest Types And Management Practices 38.27% 34.67% 28.79% 28.57% 4.1.1 Define forests and identify key characteristics of forest plants 38.35% 68.00% 57.58% 88.10% 4.1.3 Assess different methods of forest management 70.37% 76.00% 63.64% 78.57% 4.1.5 Identify multiple uses of forests 54.32% 58.67% 54.55% 69.05% 4.1.6 Identify laws, policies and managing entities of for 62.96% 58.00% 52.27% 60.71% Performance Standard 4.2: Understanding The Historic, Environmental, Social And Economic Importance Of Idaho Forests 4.2.2 Identify the ecological services provided by forests 4.2.2 Identify the ecological services provided by forests 4.3.1 Identify morphological characteristics of forest plants 55.56% 56.00% 50.00% 71.43% 4.3.1 Identify morphological characteristics of forest plants 51.85% 66.67% 50.00% 71.43% 4.3.2 Use a dichotomous key to identify trees, shrubs and other forest plants 51.85% 66.67% 50.00% 71.43% 4.3.5 Define native, introduced, invasive, noxious and poisonous plants 51.85% 65.61% 75.43% 57.14% 71.43% Performance Standard 4.4: Apply Forest Management Practices 61.11% 72.00% 59.09% 78.57% 4.4.1 Identify forest management tools and techniques 4.4.2 Identify forest management tools and techniques 4.4.2 Identify forest management tools and techniques 68.89% 72.80% 57.27% 67.14% 68.89% 72.80% 57.27% 67.14%	3.3.5 Define native, introduced, invasive, noxious and poisonous plants	90.74%	88.00%	86.36%	96.43%
3.4.5 Determine stocking rates based on animal demand and forage supply 62.82% 65.85% 53.85% 68.41% CONTENT STANDARD 4.0: EXAMINE FOREST RESOURCES AND MANAGEMENT 60.00% 56.00% 48.64% 63.57% Performance Standard 4.1: Identify Forest Types And Management Practices 38.27% 34.67% 28.79% 28.57% 4.1.1 Define forests and identify key characteristics of forest plants 83.95% 68.00% 57.58% 88.10% 4.1.3 Assess different methods of forest management 70.37% 76.00% 63.64% 78.57% 4.1.5 Identify multiple uses of forests 54.32% 58.67% 54.55% 69.05% 4.1.6 Identify laws, policies and managing entities of for Performance Standard 4.2: Understanding The Historic, Environmental, Social And Economic Importance Of Idaho Forests 62.96% 58.00% 52.27% 60.71% 4.2.2 Identify the ecological services provided by forests 64.02% 72.57% 58.44% 74.49% Performance Standard 4.3: Identify Common Idaho Forest Plants 55.56% 56.00% 50.00% 71.43% 4.3.1 Identify morphological characteristics of forest plants 51.85% 66.67% 50.00% 71.43% 4.3.2 Use a dichotomous key to identify trees, shrubs and other forest plants 51.85% 66.67% 50.00% 71.43% Ferformance Standard 4.4: Apply Forest Management Practices 61.11% 72.00% 59.09% 78.57% 4.4.1 Identify key components of a management plan 76.54% 78.67% 56.06% 66.67% 50.06% 66.67% 4.4.1 Identify forest management tools and techniques 4.4.2 Identify forest management tools and techniques 4.4.3 Identify forest management tools and techniques 4.4.4 Identify forest management tools and techniques 4.4.5 Description of orests and identify management strategies CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 68.89% 72.80% 57.27% 67.14%	Performance Standard 3.4: Apply Rangeland Management Practices	72.22%	76.00%	52.27%	78.57%
CONTENT STANDARD 4.0: EXAMINE FOREST RESOURCES AND MANAGEMENT 60.00% 56.00% 48.64% 63.57% Performance Standard 4.1: Identify Forest Types And Management Practices 38.27% 34.67% 28.79% 28.57% 4.1.1 Define forests and identify key characteristics of forest plants 83.95% 68.00% 57.58% 38.10% 4.1.3 Identify multiple uses of forests 70.37% 76.00% 63.64% 78.57% 4.1.6 Identify laws, policies and managing entities of for 62.96% 58.00% 52.27% 60.71% Performance Standard 4.2: Understanding The Historic, Environmental, Social And Economic Importance Of Idaho Forests 62.96% 58.00% 52.27% 60.71% 4.2.2 Identify the ecological services provided by forests 64.02% 72.57% 58.44% 74.49% Performance Standard 4.3: Identify Common Idaho Forest Plants 55.56% 56.00% 50.00% 71.43% 4.3.1 Identify morphological characteristics of forest plants 51.85% 66.67% 50.00% 71.43% 4.3.2 Use a dichotomous key to identify trees, shrubs and other forest plants 79.01% 84.00% 69.70% 78.57% 4.3.5 Define native,	3.4.1 Identify key components of a management plan	72.22%	76.00%	52.27%	78.57%
Performance Standard 4.1: Identify Forest Types And Management Practices 38.27% 34.67% 28.79% 28.57%	3.4.5 Determine stocking rates based on animal demand and forage supply	62.82%	65.85%	53.85%	68.41%
4.1.1 Define forests and identify key characteristics of forest plants 83.95% 68.00% 57.58% 88.10% 4.1.3 Assess different methods of forest management 70.37% 76.00% 63.64% 78.57% 4.1.5 Identify multiple uses of forests 54.32% 58.67% 54.55% 69.05% 4.1.6 Identify laws, policies and managing entities of for 62.96% 58.00% 52.27% 60.71% Performance Standard 4.2: Understanding The Historic, Environmental, Social And Economic Importance Of Idaho Forests 62.96% 58.00% 52.27% 60.71% 4.2.2 Identify the ecological services provided by forests 64.02% 72.57% 58.44% 74.49% Performance Standard 4.3: Identify Common Idaho Forest Plants 55.56% 56.00% 50.00% 71.43% 4.3.1 Identify morphological characteristics of forest plants 51.85% 66.67% 50.00% 71.43% 4.3.2 Use a dichotomous key to identify trees, shrubs and other forest plants 79.01% 84.00% 69.70% 78.57% 4.3.5 Define native, introduced, invasive, noxious and poisonous plants 65.61% 75.43% 57.14% 71.43% Performance Standard 4.4: Apply Forest Management Practices 61.11% 72.00% 59.0	CONTENT STANDARD 4.0: EXAMINE FOREST RESOURCES AND MANAGEMENT	60.00%	56.00%	48.64%	63.57%
4.1.3 Assess different methods of forest management 70.37% 76.00% 63.64% 78.57% 4.1.5 Identify multiple uses of forests 54.32% 58.67% 54.55% 69.05% 4.1.6 Identify laws, policies and managing entities of for 62.96% 58.00% 52.27% 60.71% Performance Standard 4.2: Understanding The Historic, Environmental, Social And Economic Importance Of Idaho Forests 62.96% 58.00% 52.27% 60.71% 4.2.2 Identify the ecological services provided by forests 64.02% 72.57% 58.44% 74.49% Performance Standard 4.3: Identify Common Idaho Forest Plants 55.56% 56.00% 50.00% 71.43% 4.3.1 Identify morphological characteristics of forest plants 51.85% 66.67% 50.00% 71.43% 4.3.2 Use a dichotomous key to identify trees, shrubs and other forest plants 79.01% 84.00% 69.70% 78.57% 4.3.5 Define native, introduced, invasive, noxious and poisonous plants 65.61% 75.43% 57.14% 71.43% Performance Standard 4.4: Apply Forest Management Practices 61.11% 72.00% 59.09% 78.57% 4.4.1 Identify key components of a management plan 76.54% 78.67% 56.06% 66	Performance Standard 4.1: Identify Forest Types And Management Practices	38.27%	34.67%	28.79%	28.57%
4.1.5 Identify multiple uses of forests 4.1.6 Identify laws, policies and managing entities of for 62.96% 58.00% 52.27% 60.71% Performance Standard 4.2: Understanding The Historic, Environmental, Social And Economic Importance Of Idaho Forests 4.2.2 Identify the ecological services provided by forests 4.2.2 Identify the ecological services provided by forests 55.56% 56.00% 50.00% 71.43% Performance Standard 4.3: Identify Common Idaho Forest Plants 51.85% 66.67% 50.00% 71.43% 4.3.1 Identify morphological characteristics of forest plants 51.85% 66.67% 50.00% 71.43% 4.3.5 Define native, introduced, invasive, noxious and poisonous plants 65.61% 75.43% 57.14% 71.43% Performance Standard 4.4: Apply Forest Management Practices 61.11% 72.00% 59.09% 78.57% 4.4.1 Identify key components of a management plan 4.4.2 Identify forest management tools and techniques 53.70% 74.00% 56.82% 71.43% 4.4.6 Discuss impacts of dynamic forces of change (e.g. fire, weather, insects, disease, people, animals, invasive species, etc.) on forests and identify management strategies CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 62.96% 58.00% 58.00% 52.27% 60.71% 64.07% 62.96% 58.00% 52.27% 67.14% 64.02% 72.57% 58.44% 74.49% 64.02% 72.57% 58.44% 74.49% 64.02% 72.57% 58.44% 74.49% 64.02% 72.57% 58.44% 74.49% 65.60% 56.00% 50.00% 71.43% 66.67% 79.01% 84.00% 69.70% 78.57% 66.67% 79.01% 84.00% 69.70% 78.57% 66.67% 79.01% 79.01% 79.01% 66.67% 79.01% 79.01% 67.14% 67.14%	4.1.1 Define forests and identify key characteristics of forest plants	83.95%	68.00%	57.58%	88.10%
4.1.6 Identify laws, policies and managing entities of for Performance Standard 4.2: Understanding The Historic, Environmental, Social And Economic Importance Of Idaho Forests 4.2.2 Identify the ecological services provided by forests Performance Standard 4.3: Identify Common Idaho Forest Plants 55.56% 56.00% 50.00% 71.43% 51.85% 66.67% 50.00% 71.43% 4.3.1 Identify morphological characteristics of forest plants 51.85% 66.67% 50.00% 71.43% 4.3.5 Define native, introduced, invasive, noxious and poisonous plants Performance Standard 4.4: Apply Forest Management Practices 61.11% 72.00% 59.09% 78.57% 4.4.1 Identify key components of a management plan 4.4.2 Identify forest management tools and techniques 4.6 Discuss impacts of dynamic forces of change (e.g. fire, weather, insects, disease, people, animals, invasive species, etc.) on forests and identify management strategies CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 60.71% 60.71% 62.96% 58.00% 52.27% 60.71% 62.96% 58.00% 52.27% 60.71% 62.96% 58.00% 52.27% 60.71% 62.96% 58.00% 52.27% 60.71% 62.96% 58.00% 52.27% 60.71% 60.71% 62.96% 58.00% 52.27% 60.71% 62.96% 58.00% 52.27% 60.71% 60.71% 62.96% 58.00% 52.27% 60.71% 62.96% 58.00% 52.27% 60.71% 62.96% 58.00% 52.27% 60.71% 60.71%	4.1.3 Assess different methods of forest management	70.37%	76.00%	63.64%	78.57%
Performance Standard 4.2: Understanding The Historic, Environmental, Social And Economic Importance Of Idaho Forests 4.2.2 Identify the ecological services provided by forests 64.02% 72.57% 58.44% 74.49% Performance Standard 4.3: Identify Common Idaho Forest Plants 55.56% 56.00% 50.00% 71.43% 4.3.1 Identify morphological characteristics of forest plants 51.85% 66.67% 50.00% 71.43% 4.3.2 Use a dichotomous key to identify trees, shrubs and other forest plants 79.01% 84.00% 69.70% 78.57% 4.3.5 Define native, introduced, invasive, noxious and poisonous plants 65.61% 75.43% 57.14% 71.43% Performance Standard 4.4: Apply Forest Management Practices 61.11% 72.00% 59.09% 78.57% 4.4.1 Identify key components of a management plan 4.4.2 Identify forest management tools and techniques 4.4.6 Discuss impacts of dynamic forces of change (e.g. fire, weather, insects, disease, people, animals, invasive species, etc.) on forests and identify management strategies CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 60.71%	4.1.5 Identify multiple uses of forests	54.32%	58.67%	54.55%	69.05%
Economic Importance Of Idaho Forests 52.96% 58.00% 52.27% 60.71% 4.2.2 Identify the ecological services provided by forests 64.02% 72.57% 58.44% 74.49% Performance Standard 4.3: Identify Common Idaho Forest Plants 55.56% 56.00% 50.00% 71.43% 4.3.1 Identify morphological characteristics of forest plants 51.85% 66.67% 50.00% 71.43% 4.3.2 Use a dichotomous key to identify trees, shrubs and other forest plants 79.01% 84.00% 69.70% 78.57% 4.3.5 Define native, introduced, invasive, noxious and poisonous plants 65.61% 75.43% 57.14% 71.43% Performance Standard 4.4: Apply Forest Management Practices 61.11% 72.00% 59.09% 78.57% 4.4.1 Identify key components of a management plan 76.54% 78.67% 56.06% 66.67% 4.4.2 Identify forest management tools and techniques 53.70% 74.00% 56.82% 71.43% 4.4.6 Discuss impacts of dynamic forces of change (e.g. fire, weather, insects, disease, people, animals, invasive species, etc.) on forests and identify management strategies 68.89% 72.80% 57.27% 67.14%	4.1.6 Identify laws, policies and managing entities of for	62.96%	58.00%	52.27%	60.71%
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Performance Standard 4.3: Identify Common Idaho Forest Plants 55.56% 50.00% 71.43% 4.3.1 Identify morphological characteristics of forest plants 4.3.2 Use a dichotomous key to identify trees, shrubs and other forest plants 79.01% 84.00% 69.70% 78.57% 4.3.5 Define native, introduced, invasive, noxious and poisonous plants 65.61% 75.43% 71.43% Performance Standard 4.4: Apply Forest Management Practices 61.11% 72.00% 59.09% 78.57% 4.4.1 Identify key components of a management plan 4.4.2 Identify forest management tools and techniques 4.4.6 Discuss impacts of dynamic forces of change (e.g. fire, weather, insects, disease, people, animals, invasive species, etc.) on forests and identify management strategies CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 68.89% 72.80% 57.27% 67.14%	Economic Importance Of Idaho Forests				
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4.3.1 Identify morphological characteristics of forest plants 4.3.2 Use a dichotomous key to identify trees, shrubs and other forest plants 79.01% 84.00% 69.70% 78.57% 4.3.5 Define native, introduced, invasive, noxious and poisonous plants 65.61% 75.43% 57.14% 71.43% Performance Standard 4.4: Apply Forest Management Practices 61.11% 72.00% 59.09% 78.57% 4.4.1 Identify key components of a management plan 4.4.2 Identify forest management tools and techniques 53.70% 74.00% 56.82% 71.43% 4.4.6 Discuss impacts of dynamic forces of change (e.g. fire, weather, insects, disease, people, animals, invasive species, etc.) on forests and identify management strategies CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 68.89% 72.80% 57.27% 67.14%	Performance Standard 4.3: Identify Common Idaho Forest Plants	55.56%	56.00%	50.00%	71.43%
4.3.2 Use a dichotomous key to identify trees, shrubs and other forest plants 79.01% 84.00% 69.70% 78.57% 4.3.5 Define native, introduced, invasive, noxious and poisonous plants 65.61% 75.43% 57.14% 71.43% Performance Standard 4.4: Apply Forest Management Practices 61.11% 72.00% 59.09% 78.57% 76.54% 78.67% 56.06% 66.67% 4.4.1 Identify key components of a management plan 4.4.2 Identify forest management tools and techniques 4.4.6 Discuss impacts of dynamic forces of change (e.g. fire, weather, insects, disease, people, animals, invasive species, etc.) on forests and identify management strategies CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 68.89% 72.80% 57.27% 67.14%	4.2.1 Identify marphalogical pharacteristics of forest plants	51.85%	66.67%	50.00%	71.43%
4.3.5 Define native, introduced, invasive, noxious and poisonous plants Performance Standard 4.4: Apply Forest Management Practices 65.61% 75.43% 57.14% 71.43% 78.57% 76.54% 78.67% 56.06% 66.67% 4.4.1 Identify key components of a management plan 4.4.2 Identify forest management tools and techniques 4.4.6 Discuss impacts of dynamic forces of change (e.g. fire, weather, insects, disease, people, animals, invasive species, etc.) on forests and identify management strategies CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 68.89% 72.80% 57.27% 67.14%		79.01%	9/1 00%	60.70%	78 57%
Performance Standard 4.4: Apply Forest Management Practices 61.11% 72.00% 59.09% 78.57% 4.4.1 Identify key components of a management plan 4.4.2 Identify forest management tools and techniques 53.70% 74.00% 56.82% 71.43% 4.4.6 Discuss impacts of dynamic forces of change (e.g. fire, weather, insects, disease, people, animals, invasive species, etc.) on forests and identify management strategies CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 68.89% 72.80% 57.27% 67.14%					
4.4.1 Identify key components of a management plan 4.4.2 Identify forest management tools and techniques 4.4.6 Discuss impacts of dynamic forces of change (e.g. fire, weather, insects, disease, people, animals, invasive species, etc.) on forests and identify management strategies CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 76.54% 78.67% 56.06% 66.67% 53.70% 74.00% 56.82% 72.80% 57.27% 67.14% 68.89% 72.80% 57.27% 67.14%					
4.4.1 Identify key components of a management plan 4.4.2 Identify forest management tools and techniques 4.4.6 Discuss impacts of dynamic forces of change (e.g. fire, weather, insects, disease, people, animals, invasive species, etc.) on forests and identify management strategies CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 68.89% 72.80% 57.27% 67.14%	renormance Standard 4.4. Apply Forest Management Fractices	01.11%	72.00%	59.09%	76.57%
4.4.2 Identify forest management tools and techniques 4.4.2 Identify forest management tools and techniques 4.4.6 Discuss impacts of dynamic forces of change (e.g. fire, weather, insects, disease, people, animals, invasive species, etc.) on forests and identify management strategies CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 53.70% 74.00% 56.82% 72.80% 57.27% 67.14%	4.4.1 Identify key components of a management plan	76.54%	78.67%	56.06%	66.67%
4.4.6 Discuss impacts of dynamic forces of change (e.g. fire, weather, insects, disease, people, animals, invasive species, etc.) on forests and identify management strategies CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 68.89% 72.80% 57.27% 67.14%	4.4.2 Identify forest management tools and techniques	53.70%	74.00%	56.82%	71.43%
CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT 68.89% 72.80% 57.27% 67.14%		60.000/	70.000/	E 7 0 70/	67.4.40/
	species, etc.) on forests and identify management strategies	66.69%	72.80%	51.21%	67.14%
Performance Standard 5.1: Explore The Effects Of Fire On Rangeland And Forest Ecosystems 55.56% 62.00% 54.55% 46.43%	CONTENT STANDARD 5.0: EXPLORE FIRE ECOLOGY AND MANAGEMENT	68.89%	72.80%	57.27%	67.14%
	Performance Standard 5.1: Explore The Effects Of Fire On Rangeland And Forest Ecosystems	55.56%	62.00%	54.55%	46.43%
5.1.4 Describe the social, economic and ecological effects of wildland fire 77.78% 80.00% 59.09% 80.95%	5.1.4 Describe the social, economic and ecological effects of wildland fire	77.78%	80.00%	59.09%	80.95%
5.1.5 Examine the role of fuel management and the relationship between fuel load and fire effects in rangeland and forest ecosystems 58.02% 63.00% 57.20% 66.07%	5.1.5 Examine the role of fuel management and the relationship between fuel load and fire effects in rangeland	58.02%	63.00%	57.20%	66.07%
CONTENT STANDARD 6.0: UNDERSTAND THE IMPORTANCE AND APPLICATION OF GPS 55.56% 57.33% 50.00% 57.14%		55.56%	57.33%	50.00%	57.14%

Assessment: Ecology and Natural Resource Management	% Correct 21	% Correct 22	% Correct 23-	% Correct 24-
Number tested: 13	22	23	24	25
Performance Standard 6.1: Investigate GPS/GIS Systems And Their Applications	22.22%	36.00%	4.55%	21.43%
6.1.2 Describe the purpose and function of a Global Positioning System (GPS)	72.22%	68.00%	72.73%	75.00%
Performance Standard 6.2: Demonstrate The Use Of Land Management Maps	58.85%	64.89%	59.60%	69.05%
6.2.1 Use legal descriptions to identify locations and acreage	50.00%	58.00%	52.27%	46.43%
6.2.2 Identify symbols on topographical maps	69.14%	69.33%	72.73%	88.10%
6.2.3 Predict terrain based on topographical maps	55.56%	65.00%	53.41%	66.07%
CONTENT STANDARD 7.0: INVESTIGATE FISH AND WILDLIFE ECOLOGY	75.93%	73.33%	62.12%	83.33%
Performance Standard 7.1: Explore The Importance And Distribution of Fish And Wildlife Resources In Idaho	86.11%	87.00%	72.73%	96.43%
7.1.4 List impacts on wildlife habitat	86.11%	87.00%	72.73%	96.43%
Performance Standard 7.2: Understand Wildlife Management	55.56%	46.00%	40.91%	57.14%
associated with wildlife management	55.56%	46.00%	40.91%	57.14%
CONTENT STANDARD 8.0: EXAMINE MINERAL AND ENERGY RESOURCES MANAGEMENT	70.37%	66.40%	64.55%	80.00%
Performance Standard 8.1: Examine Mineral Resources And Management	68.52%	66.00%	68.18%	78.57%
8.1.4 Describe the impact of mining practices on the environment	68.52%	66.00%	68.18%	78.57%
Performance Standard 8.2: Recognize The Types And Importance Of Energy Resources	71.60%	66.67%	62.12%	80.95%
8.2.4 Analyze positive and negative impact of energy development on the environment	71.60%	66.67%	62.12%	80.95%
CONTENT STANDARD 9.0: EXPLORE CAREER OPPORTUNITIES IN THE NATURAL RESOURCE INDUSTRY	55.56%	68.00%	68.18%	67.86%
Performance Standard 9.1: Understand Employment Fields In The Natural Resource Industry	55.56%	68.00%	68.18%	67.86%
9.1.2 Explore education and training for different natural resource management careers	55.56%	68.00%	68.18%	67.86%