

Skills, Concepts, Processes, and Geographic Inventory found in national geography standards

Source: James M Dunn, University of Northern Colorado, Geography

S: skill
 C: concept
 P: process
 I: Inventory
 Integrate: geography in other subjects

No.	Item	GFL	S C P I	Integrate
1	Map: a representation of the surface		106 S	
2	Map reading		106 S	
3	Image and air photo reading		106 S	
4	Identify features on maps, photos, images		106 S	
5	Construct Maps		106 S	
6	Use map grids to identify locations		107 S	
7	Interpret thematic maps		107 S	
8	Measure distances using map scales		107 S	
9	Mental Maps: internal organization of spatial information		108 C	
10	Map Symbols represent selected phenomena		108 S	
11	Construct Maps using sketching techniques	108-109	S	
12	Construct maps: decide what is shown and what is omitted		S	
13	Continents, oceans, seas, relative locations	2C 109	I	
14	Characteristics (physical and human) of community, state, country)	2C 109	I	
15	Sketch maps of places mentioned in other school subjects	2C 109	S	History, Lit
16	Attributes of spatial information	3A 110	C	
17	Geographic point	3A 110	C	
18	Geographic line (or route)	3A 110	C	Geometry
19	Area	3A 110	C	Geometry
20	Volume	3A 110	C	Geometry
21	Density	3C 111	C	Geometry, Science
22	Perception of distance	3B 111	S	
23	Pattern detection and description	3C 111	S	
24	Location analysis	3D 112	S	
25	Diffusion	3E 112	P	Science
26	Point of origin	3E 112	C	

27 Diffusion agents	3E 112	C	
28 Links: source and consumption of resources	3E 112	P	
29 Physical features of places	4A 113	I	
30 Associations among distribution of physical features	4A 113	S	Math
31 Three dimensional models of places	4A 113	S	Art
32 Human characteristics of community	4B 113	I	
33 Compare places	4B 113	S	
34 Mass wasting	4D 114	P	
35 Deposition	4D 114	P	
36 Human influence on land forms	4D 114	P	
37 Identify settlement patterns	4C 114	S	
38 Settlement pattern response to natural and human actions	4C 114	P	
39 Settlement change over time	4C 114	P	History
40 Climate	4D 114	C	Science
41 Precipitation	4D 114	C	Science
42 Temperature	4D 114	C	Science
43 Wind patterns	4D 114	C	Science
44 Region	5A 115	C	
45 Regions: political, population, economic, cultural	5A 115	C	
46 Regions: landforms, soils, climate, vegetation, watershed	5A 115	C	
47 Regions: Comparison	5B 115	S	
48 Regions: Contrast	5B 115	S	
49 Regions: Change over time	5C 116	P	History
50 Perception of place: exchange	6A 117	C	
51 Perceptions of places and values	6B 117	C	
52 Systems: Lithosphere, atmosphere, hydrosphere, biosphere	7A 118	C	Science
53 Climate	7A,7B 118	C	Science
54 Hydrologic Cycle	7A 118	P	Science
55 Weathering	7B 118	P	Science
56 Erosion	7B 118	P	Science
57 Deposition	7B 118	P	Science
58 Energy distribution	7C 119	C	Science
59 Angle of incidence	7C 119	C	Science, Math
60 Length of day and axial tilt	7C 119	C	Science

61 Ecosystem	8A 120	C	Life Science
62 Biome	8B 120	C	Life Science
63 Map: sketch of plant and animal communities	8B 120	S	
64 Human interaction with ecosystems	8C 121	P	Life Science
65 Human impact on ecosystems	8C 121	P	Life Science
66 Human environment interaction	8C 121	P	
67 Site characteristics	8C 121	C	
68 Renewable resource management	8C 121	P	
69 Biomes of the world	8A, 8B 120	I	
70 Density: Population	9A 122	C	
71 Population characteristics	9B 122	C	
72 Migration	9C 123	P	
73 Mapping migration: physical constraints	9C 123	S	
74 Culture	10A 124	C	
75 Cultural Landscape	10A 124	C	
76 Cultural Regions	10B 124	C	
77 Cultural change over time	10C 125	C	History
78 Economic productivity	11A 126	C	
79 Economic links	11A,11C 126	C	
80 Map construction showing raw materials and processing sites	11A 126	S	
81 Map construction showing land use	11B 126	S	
82 Map reading for economic activity	11B 126	S	
83 Location analysis for economic gain (clustering)	11C 127	S	
84 Transportation modes	11D 127	C	
85 Transportation innovation and world trade	11D 127	C	History
86 Urban growth and settlements	12A 128	P	
87 Land use	12A 128	C	
88 Site characteristics and population density	12B, 12D 128	C	
89 Site and situation to explain settlement decisions	12B 128	C	History
90 Settlement growth or change	12C 129	P	
91 Boom and bust cycles	12C 129	C	History
92 Major cities of North America	12D 129	I	
93 Changes in U.S. cities over time	12D 129	P	History
94 Political units of territory: functions and characteristics	13A 130	C	

95 Political change	13C 131	P	
96 Political change: peaceful separation	13C 131	P	
97 Political change: civil war	13C 131	P	
98 Political change: invasion	13C 131	P	
99 Political change: expansion by purchase or annexation	13C 131	P	
100 Supranationalism	13C 131	P	
101 Environmental dependence: links to the physical environment	14A 132	C	
102 Altering the environment	14B 132	P	
103 Urban growth and environmental change	14B 132	P	
104 Transportation and environmental impact	14B 132	P	
105 Agricultural land use and environmental impact	14B 132	P	
106 Introduced species: impact and spread	14B 132	P	
107 Plant and animal change over time: response to environmental change	14C 133	P	History and Life Science
108 Human adaptation to the physical environment	15A 134	P	
109 Site characteristics: benefits to humans	15B 134	C	
110 Innovations alter view of environment	15B 135	C	History
111 Environmental constraints on human activities	15C 135	C	
112 Climate regimes and human adaptation	15C 135	I	
113 Route choices and natural/physical barriers	15C 135	C	
114 Natural hazard	15D 135	C	
115 Renewable resources	16A 136	C	
116 Nonrenewable resources	16A 136	C	
117 Flow resources (e.g., wind and water)	16A 136	C	
118 Links: source and consumption of resources	16B 136	P	
119 Settlements influenced by use of resources	16B 136	C	History
120 World resource regions and community resource consumption	16C 137	I	
121 Conservation of resources	16D 137	C	
122 Change over time: place characteristics	17A 138	C	History
123 Sequent occupance	17B 138	C	
124 Perception of place	17C 139	C	
125 Trace historical routes (winds, fall lines, trade)	17D 139	C	History
126 Population and resources (cause and effect)	18A 140	S	
127 Resource conservation	18A 140	C	
128 Population: world population timeline	18A 140	S	History

129 Perception of place: perspectives	18B 140	C
130 Problem solving	18C 141	S
131 Mapping social problems	18C 141	S