

# Plants Field Study

Key:

⊛ = Strongly Aligned

✓ = Aligned

\* = Minimally Aligned

DCI = Disciplinary Core Idea

PE = Performance Expectation

## Crosscutting Concepts

## Scientific Practices

	Cause & Effect	Structure & Function	Systems & System Models	Scale, Proportion, & Quantity	Stability & Change	Energy & Matter	Patterns	1. Asking and Defining Questions	2. Developing and Using Models	3. Planning and Carrying Out Investigations	4. Analyzing and Interpreting Data	5. Using Mathematics and Computational Thinking	6. Constructing Explanations and Designing Solutions	7. Engaging in Argument from Evidence	8. Obtaining, Evaluating, and Communicating Information	Curriculum During
<b>Plant Identification Hike</b> DCI: LS1.B PE: LS1-4; LS1-5	⊛	✓				✓		✓						⊛	✓	<input checked="" type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
<b>Primitive Plants (Moss and Lichen)</b> DCI: LS1.B PE: LS1-4	⊛		✓					✓						⊛	✓	<input checked="" type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
<b>Tree Parts</b> DCI: LS1.B PE: LS1-5	⊛	✓			✓			✓	✓				⊛			<input checked="" type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
<b>Nurse Logs</b> DCI: LS2.B; LS2.A PE: LS2-1; LS2-3	⊛					⊛			⊛		⊛					<input checked="" type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
<b>Phototropism</b> DCI: LS1.B PE: LS1-5	⊛				✓					✓		✓	⊛			<input checked="" type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
<b>Plant Adaptations</b> DCI: LS1.B PE: LS1-4; LS1-5	⊛	✓						✓	✓				⊛	⊛	✓	<input type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
<b>Flower Parts (Spring)</b> DCI: LS1.B PE: LS1-4	⊛	✓	✓					✓	✓					⊛		<input type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day

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<b>Seed and Spore Dispersal</b> DCI: LS1.B PE: LS1-4	⊛	✓	✓					✓		✓				⊛	✓	<input type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
<b>Photosynthesis- (Energy &amp; Renewable Natural Resources)</b> DCI: LS1.C; PS3.D; LS2.A PE: LS1-6; LS2-1	⊛	✓	✓						✓		✓		⊛			<input type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
<b>Ethno botany</b> DCI: LS4-D PE: LS2-4		✓					⊛					✓	⊛	✓		<input type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 6-Day
<b>Logging Tools</b> DCI: ESS3.C PE: ESS3-3	⊛	✓								✓		⊛	✓	✓		<input type="checkbox"/> 3-Day <input type="checkbox"/> 6-Day
<b>Succession and Disturbance</b> DCI: LS2.A; LS2.C; LS1.B; ESS2.A; ESS2.C PE: LS1-5; LS2-1; LS2-4; ESS2-2	✓			✓	✓			✓			⊛	⊛	⊛			<input type="checkbox"/> 3-Day <input type="checkbox"/> 6-Day
<b>Forestry Practices</b> DCI: LS2.C; LS4.D; ETS1.B PE: LS2-5							⊛									<input type="checkbox"/> 3-Day <input type="checkbox"/> 6-Day
<b>Fire Ecology</b> DCI: LS1.B; LS2.C PE: LS1-4; LS2-4	⊛					✓		✓						⊛		<input type="checkbox"/> 3-Day <input type="checkbox"/> 6-Day

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<b>Dichotomous Key/ Leaf Detectives</b> DCI: LS1.B PE: LS1-4	⊛	✓				✓		✓						⊛	✓
<b>Tree Age</b> DCI: LS1.B PE: LS1-5	⊛							✓				⊛			
<b>Tree Height/Board Foot Volume</b> DCI: ESS3.C PE: ESS3-3	⊛			✓							✓	⊛			
<b>Forest Layers</b> DCI: LS1.B PE: LS1-5*	⊛					⊛						⊛			
<b>Coniferous Trees</b> DCI: LS1.B PE: LS1-4; LS1-5	⊛	✓						✓		✓				⊛	✓

Curriculum During

3-Day

6-Day

3-Day

6-Day

3-Day

6-Day

3-Day

6-Day

3-Day

6-Day