### **LESSON 7** Who Owns It?

#### **BIG IDEAS**

- Wisconsin's forests are under both private (e.g., industrial, non-industrial private forests), public (e.g., county, state, national forests), and tribal ownership; each may have different objectives. (Subconcept 31)
- Forests are ecosystems that can cross over property lines. (Subconcept 32)
- . The scale of forest ownership can vary from hundreds of thousands of acres in a national forest to an individual tree in an urban forest. (Subconcept 33)
- The public trust empowers governments to have a role in conserving, maintaining, and sustaining forest resources by enacting laws, creating policies, establishing agencies, creating public lands, and providing management incentives for forest landowners. (Subconcept 38)
- A variety of agencies, companies, and individuals manage forests. Forest resource professionals in each of these areas have training and responsibilities to meet individual, societal, and environmental needs through forest management and/or education. (Subconcept 39)
- Organizations, communities, and individuals play a part in forest management efforts by volunteering, raising and allocating funds, voting, participating in the planning process, and making consumer choices. (Subconcept 40)

#### OBJECTIVES

Upon completion of this lesson, students will be able to:

- Indicate that forests can vary in size and are both publicly- and privately-owned.
- Explain how forest ecosystems are affected by having multiple owners.
- Define the roles of government agencies, private businesses, organizations, communities, and individuals in forest management.

#### SUBJECT AREAS

Language Arts, Mathematics, Social Studies

#### LESSON/ACTIVITY TIME

- Total Lesson Time: 95 minutes
- Time Breakdown:

Introduction......10 minutes Activity 1 ......45 minutes Activity 2 ......20 minutes Conclusion ......20 minutes

**TEACHING SITE** 

Classroom

#### NUTSHELL

In this lesson, students study a plat map and answer questions about who owns land and how much they own. Students then observe how the management goals of landowners impact forest ecosystems. Finally, they identify the roles different groups have in management decisions.

#### BACKGROUND INFORMATION

Who owns Wisconsin's forests? That question can't be answered very quickly because the forests of Wisconsin have many different owners. According to the Wisconsin Department of Natural Resources, the following are percentages of Wisconsin forestland owned by specific categories of owners:

- Individual, Private Owners......57%
- Counties and Municipalities ......15%
- Federal Government.....10%
- Forest Industry ......7%
- State of Wisconsin......5%
- Private Corporations ....4%
- Tribal Lands......2%

### VOCABULARY

**Forest Management:** The use of techniques (e.g., planting, harvesting) to promote, conserve, or alter forests to meet desired outcomes.

**Plat Map:** A map of a township that shows property boundaries.

**Section:** An area of land that is one mile by one mile and consists of 640 acres.

**Township:** An area of land that is six miles by six miles and contains 36 sections.

The demographics of Wisconsin forest landowners are changing. Along with the changing demographics come changing values and goals. Those new values and goals impact how the forests of the state are managed. As people buy small parcels of land to build second homes, less land is available for other uses and more people are involved in management decisions. For instance, if a 120-acre parcel is broken up and sold in 20-acre parcels to different individuals, there are six owners instead of one and it's not likely that they all will want to manage their 20 acres in the same way. What was being managed as one ecosystem is now being managed as six, yet the forest is still one ecosystem. Increased human presence increases our impact on forest communities.

A good place to begin to research forest ownership is with a **plat map**. These maps are created and published by county. They can usually be purchased at your County Clerk's office, real estate offices, or borrowed from local libraries. See the Recommended Resources section of the lesson for a web address with more information on where to find them. Plat maps are based on survey data and ownership information. They show information like owner names, acreage owned, roads, type of owner (public, private), rivers, lakes, railroads,

### MATERIALS LIST

#### FOR EACH STUDENT

- Copy of Student Page **3**, Plat Map Questions
- Copy of Student Page 1, Plat Map 1, OR Student Page 2, Plat Map 2 (half of the students will get 1, half will get 2)

#### FOR THE CLASS

- Overhead projector
- Blank overhead transparency
- Copy of Student Page **#4**, Management Roles Cards
- Chalk/marker board
- City map (optional)
- Plat book (optional)

#### FOR THE TEACHER

- Overhead transparency of Teacher Page **1**, *Plat Map Organization*
- Teacher Key ♥♂↑1, *Plat Map 1 Key* and ♥♂↑2, *Plat Map 2 Key*
- Overhead transparency of Student Page #1, Plat Map 1
- Overhead transparency of the Teacher Page **3**, *Where Are the Forests?*
- Teacher Key ♥♂<sup>4</sup>3, Management Role Cards Key

#### **TEACHER PREPARATION**

- Make overhead transparencies of Teacher Page 1, Plat Map Organization, Student Page 1, Plat Map 1, and Teacher Page
   Where Are the Forests?
- Copy and cut apart Student Page **4**, *Management Roles Cards.*
- Teach students how to calculate percent if students are not familiar with the process.

churches, schools, cemeteries, and municipal boundaries. An individual map in a plat book is one **township**. Each township is divided into 36 **sections**. Each section is 640 acres.



Forest management refers to practices which a landowner or forester does to meet specified goals and objectives. Effective management starts with establishing a forest management plan. Individual landowners generally consult with a forester to help them create a plan. Foresters inventory existing resources and set goals and objectives that take into consideration what the landowner hopes to get from the forest now and in the future. Sound management involves deciding on strategies to achieve goals, implementing those strategies, and periodically reviewing both the plan and its results to determine if any changes need to be made. Management plans include landowner objectives, a forest description, legal restrictions, and recommendations of actions to help achieve objectives and protect against fire, disease, and insects.

#### **PROCEDURE** INTRODUCTION

As a class, brainstorm a list of the types of property owners in your town or neighborhood. (*Private homeowners, businesses, city parks, schools, state, county, federal.*) Ask if they all own the same amount of property. (*No.*) Ask if it is used for the same thing. (*No.*) Just like local communities, Wisconsin's forests have different property owners.

**NOTE:** As an option, show a copy of a city map to illustrate your discussion.

#### **ACTIVITY 1**

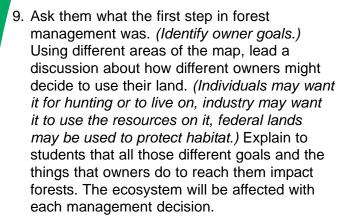
- Explain that plat books are collections of maps that are published for each county in Wisconsin. (Show the class an example if you have one.) They contain information about who owns land as well as where roads, rivers, lakes, and towns are. Put an overhead transparency of Teacher Page 1, *Plat Map Organization*, on the projector. Use the transparency to explain the way plat maps are organized. Each plat map is of a township. A township contains 36 sections. A section is 640 acres. (That's about 640 football fields!) Tell students that they are going to examine one of two plat maps. (They aren't of a real place, but they are based on real maps.)
- Hand out Student Page A1, Plat Map 1, and Student Page A2, Plat Map 2. Each student should get a map. (Half the class will get map 1, the other half will get map 2.) Draw the students' attention to the key on the map. Discuss the things that the maps show. (Names of owners, roads, rivers, cities, etc.)
- Hand out Student Page A, Plat Map Questions, to each student. Tell students to circle the number of the plat map that they have. Next ask students to examine their plat maps and fill in the questions on the worksheet. Review the process for determining percentages if needed. While students are completing their worksheets, write the percentages of forest land ownership for Wisconsin on the board.

Individual, Private Owners	57%
Counties and Municipalities	15%
Federal Government	10%
Forest Industry	
State of Wisconsin	5%
Private Corporations	4%
Tribal Lands	2%



- 4. When students are done filling in the worksheet, discuss what they found. Use Teacher Key to date the second Student Page **S2**, *Plat Map 2 Key*, to check their answers. Compare the percentages of ownership that the students found for Map 1 and Map 2 to the numbers you've written on the board. Ask if they are the same, greater, or less. (Answers will vary.) Discuss why they might be different. (The percentages represent the entire state. Percentages of ownership vary from one part of the state to the next. Areas with a higher population often have less publicly-owned land.) Ask how Map 1 differed from Map 2. (Map 1 had smaller properties with more owners. More owners were individuals and not government or businesses.)
- 5. Write on the board and discuss the steps in forest management: identify owner goals, plan, implement. (Landowner goals are what the owner wants to do with or get from the land. Planning is putting on paper the things that will be done to reach the goals. Implementing is doing the things that will meet goals like cutting, planting, or building trails.) Ask students how different landowner goals might make management harder. (Landowners with different goals may not want the same things to be implemented. If landowners are neighbors and have very different goals, they may be angry about what the other person is doing.) Ask students if they think it would be easier to manage land when one person owns a large piece of land, or if many people own smaller pieces of land. (One large piece of land can be managed most efficiently and there is only one set of landowner goals to consider.) NOTE: If students participated in Lesson 6, tie the owners from the management story into the discussion.

- 6. Ask students what they put for an answer to the question about the biggest property on the whole map. (480 acres on both maps. It is in section 19.) Ask if this land would be easy or hard to manage forests on. (Students will likely say easy because it is large, but proceed to the next step before telling them the answer.)
- 7. Put up the overhead transparency of Student Page A1, Plat Map 1. Explain to students that this is the same map that some of them saw; others saw one that was a bit different. This time, tell them that they won't be thinking about who owns the land and how much they own, but will be looking at whether that land is forest land.
- 8. Put the Teacher Page **2**, *Where Are the* Forests? overhead transparency on top of the Plat Map 1 transparency. Tell students that the areas with tree symbols are forests. The areas with house symbols are towns. The areas with duck symbols are marshes, and the areas with tractor symbols are agricultural. Ask them to look at the largest property on the map. (In section 19.) Ask if that property is forest land. (No, it is farmland.) Again ask if this land would be easy or hard to manage for forests. (They should now see that it would be hard because the land is being used for farmland.) Explain that even though it may look like there are a number of large areas on the map that could be managed easily, they may not all have forests on them.



**EXTENSION:** Have students examine a plat map from your own county and answer the questions from the Student Page  $\checkmark 3$ , *Plat Map Questions*. Compare the results. Remember that the percentages listed are for forest land only.

#### **ACTIVITY 2**

- Write "Government," "Individuals,"
   "Organizations," and "Businesses" as headings on the board. Discuss that all have different roles in forest management. For instance, governments make laws about management and private individuals decide what products to buy, which determines what forests are managed for.
- As each team draws a card, have one team member put it under the proper heading on the board with the help of their teammates. For instance, "Voting" would go under the "Individuals" heading. Use Teacher Key ♥ 𝔅 𝔅 𝔅, Management Role Cards Key, to help decide which roles fall under which heading. The catch is that the teams can't speak or make noise; they can only use movements to instruct their team member where the card should go.

If they answer correctly, they get a point. If they answer incorrectly, they lose one and the next team gets to try to place that role. **NOTE:** Some roles may fall under more than one heading. If students can justify with an example why they placed a role as they did, consider giving them the point even if it does not match the answer key.

4. At the end of the game discuss the roles listed. Ask students what the roles mean. Ask students to think of other roles that individuals, government, organizations, and businesses play. Ask students if it would have been easier or harder to get the answers if they could have spoken to their teammates. (*Easier.*) Just like in the game, good communication with all of the different groups helps make management better.

#### CONCLUSION

Choose several components in the classroom that could be rearranged or somehow changed. (Desk or table arrangement, location of work spaces, location and set up of computers, wall decorations, etc.) Ask the class to count off by the number of components you chose. (For example, if you chose desk arrangement, computers, and wall decorations, they would count off by three.) Assign all of the ones to write about the desks, the twos to write about the decorations, etc. Each student should write a half page description of what they would change about their assigned part of the room and why.

Discuss the results of the assignment. Use a blank overhead transparency to draw the layout of your room. Ask several students to read their plans to the class. When they read the plan, have them also draw it on the overhead. Each student should use a different colored marker. Note and discuss conflicts both within the individuals writing for each component and between components. Discuss the need for everyone to cooperate with each other to succeed.



#### CAREERS

The career profile in this lesson is about Nancy Bozek, Executive Director, Wisconsin Woodland Owners Association. Career Profile 4G.ED is found on page 130. Use this profile to enhance the lesson and/or use it with the special careers lesson on page 148.

#### SUMMATIVE ASSESSMENT

Have students draw a map of their town or neighborhood and estimate percentages of ownership.

#### REFERENCES

Finan, A. S. (2000). <u>Wisconsin Forests at</u> <u>the Millennium: An Assessment</u>. Madison, WI: Wisconsin Department of Natural Resources. PUB-FR-161 2000

Wisconsin Forest Resource Education Alliance. (2001). <u>How to Grow a School Forest – A</u> <u>Handbook for Wisconsin Educators</u>.

### **RECOMMENDED RESOURCES**

#### ••• WEBSITE •••

Wisconsin State Cartographer's Office www.feature.geography.wisc.edu/sco/maps/platbooks.php This website tells you about plat books and where to get them.

#### ••• BOOK •••

<u>How to Grow a School Forest – A Handbook for Wisconsin Educators</u>. This book helps educators find ways to use their school forests as outdoor classrooms. Go to the school forest section of the LEAF website at www.uwsp.edu/cnr/leaf to access the handbook online.



### Nancy helps forest landowners to find out information. EXECUTIVE DIRECTOR, WWOA

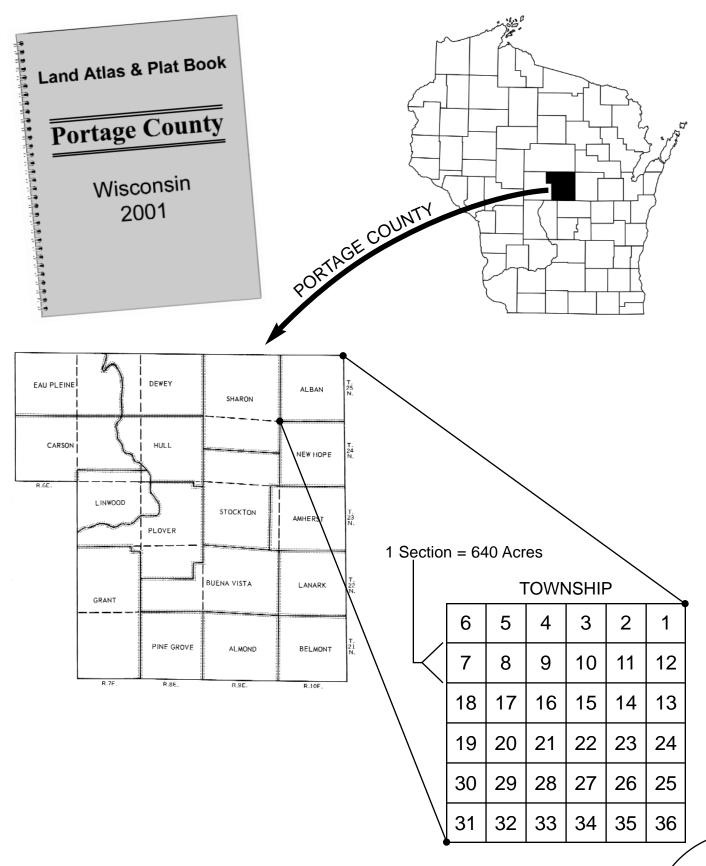
Meet Nancy Bozek. Nancy is the Executive Director of the Wisconsin Woodland Owners Association, or WWOA. WWOA is made up of people who own woodlands in Wisconsin. WWOA members work to educate landowners and the public about the importance and ways of managing forests. Nancy's job is to help the members of the group get information on how to manage their land. She also works to connect WWOA to other forestry-related agencies.

Nancy has a bachelor's degree in Forestry. She has also had many experiences that have helped her with her job. She has worked with the National Park Service and the United States Forest Service. Nancy is a member of the Society of American Foresters. That group is made of professional foresters. Another big thing that helps Nancy do her job is that she owns woodlands herself. That helps her understand what WWOA members are concerned about.

Nancy's favorite part of her job is planning and attending the three-day meeting the group has every year. She likes to have the chance to meet WWOA members from all over Wisconsin.

If you would like to have a job like Nancy's, she has some advice. She suggests that you become active in organizations like the Girl Scouts and Boy Scouts. She also says, "Many natural resource-related organizations rely on volunteers, so by helping them you will also help yourself to learn new skills."

### PLAT MAP ORGANIZATION



### PLAT MAP 1

Betty Williams 40 Pat Arndt 120		Gus McCurty	60 100	Ralph Riser and 10 Julia Sanders 370
Brett Homer and Jonny Berty Bench Boo Smith Boo Boo Smith Boo Boo Smith Boo Boo Boo Boo Boo Boo Boo Boo Boo Bo	20 20 Walter and Velma Kams 80 Grover Street 20 Sam Robson 40 Vick Charles 40	187         25         25           3         Will         Wally         Bauer           40         40         Julia           Greg and Ken Moore         Julia         Roberts           195         40         20	Kent Newman 200         2         Mike Kerkman and Taylor           200         Ben and Taylor         0           200         Paul 20         Reed 80         Marinac 60	Kent Newman 40 Mike Johnson Francisco 40 Terrie Cooper
Bob and Melissa Briggs 80 Anthony Anderson Steffensen Jules Verne 120	Daniel and Navis McKee 120 Ty Lianon 10 10 Joe Sims Shannon 25 Richard Solin	Tim Taylor 40 Uncent Miresse 5 40 Tad 40 Morrissey 80 Sally James	Otto Red Pearima Schultz Redford Jordan 40 Carlos Sanchez 140 Larrow Lar	210 Lawrence McHenry 170 <b>1.2</b>
80 Tom Byers Scotter Schmidt 40	120	280 T. Prichard and 40 Laura Stimms 120 Bob and Wendy Holsman 192	40 Sue Benson Lola Chinelle 60 M. Edwards 20 30 Ken Akins	Hiliari Jim Anna Carey Berg Dove 40 40 40 Wisconsin
Porter Family Farms, Inc. 6 00, Inc. 100	Richard and Lori Marvin 386 Chuck Marvin	15 Hart Farms, Inc. 472	14 Tom Mary Sally Ellingboe 220 Jack Finger	Milo Harms 80 13 Resources 460
Blue Shue Farms, Inc. 320	Steven M. and Sue B. Marvin 253	Kelly French 40 Rob Miller 40	Julie Kliner 40 Joe Smith Misty Walker 40 80	Otto Mary and 80 Daria Kirby 120
Prairie Ranch, Inc. 320	Lane Hoffman 253	James Bindel and Sons Farms 410	ang Konan Karen O'Brian Zimmerman 240 240	Joan 40 Kurt Miler 200 220 Oscar Wilde 50 20
Cate Zanto 215 Elue Shue Farms, Inc. 210 29	Clyde Madden 253 	Rick Williams 180 200 0000000000000000000000000000000	Hans 40 10         Hans 40 Rockpicker         20         Warez 40           10         Hans 40 Rockpicker         20         5           10         A         A         7           10         Rockpicker         20         10           10         A         A         7	10         10         Pam Porter         Smith Family Tust           20         100         Tust         60           Sean and Freda         10         10         10           20         20         20         LEAF           20         20         Park         20
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1998         W. Walter           15         90           Trust         32           32         50           115         Benson J. and Margarite P. Weils	20 18 20 10 10 20 Shawn Jay D. E. Diller 100 Bing Boo 80	Werner 80 34 34 34 3mes Taylor, 40 5hel Silverstein 160 Randy Melvin and Champeau	Potter Trust 65 Rodney Chepman 140	3 Sandy Jude Mick Bo Bo Bo Bo 36 Sandy Sole Bo Bo Bo Bo Bo Bo Bo Bo Bo Bo Bo Bo Bo Bo Bo Bo B
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KEY

---- Road

----- Stream

Lake

Town

132

### **PLAT MAP 2**

Paul Pagel 120 Don 6 Holler 40 Sam Potter 120 Sam Potter 120 Sam Potter 120 Sam Potter 120 Sam Potter 10 Gilbert Grape 40 Gilbert Bates 40 Grape Grape	Sam Forester 40         Miles Mason 80         Joal Stone           Betty Williams         Pat Andt 120         Sterling Starfine           Brett         Homer Betty         Sterling Bench 80         Sterling 80           Brett         Homer Bench 80         Jony 80         Anthony Anderson 240           Bichard Steffensen 80         Anthony Anderson 240         Anthony Bers           Jules Verne 120         Tom Byers         Tom	Bruce visition         Mailer and Veine Kams           20         20         Waiter and Veine Kams           20         20         Waiter and Veine Kams           30         20         Waiter and Veine Kams           30         20         Waiter and Veine Kams           Bruce visits         M. McNeil           Bruce visits         M. McNeil           Vick Charles         20           Vick Charles         Sam and           10         30           10         30           Shannon         Sins           15         25           120         140	Gus McCurty 187 Gus McCurty 187 Gus McCurty 187 Greg and Ken Moore 195 Tim Taylor 40 Tim 40 Sesie and Saly James 280 J. T. Prichard and 100 Norrissey 80 T. T. Prichard and 120	J-Mar Forest 80     Pratt County 120     Ho-Churk Nation 40       20     20	Ralph Riser and Julia Sanders 370 Kent Newman 40 Francisco 6 Gene 80 Francisco 80 Terrie Cooper 210 Lawrence McHenry 170 12 Biair Carey 80 Biair Carey 80 Mr. Hill 40
Mark Estes Schidt 40 18 Robert and Mary Winer 440 200 19 10 10 10 10 10 10 10 10 10 10	Scoolar Schmidt 40 <b>17</b> Porter Son. Inc. 160 Blue Shue Farms, Inc. 320 Prairie Ranch, Inc. 320	Richard and Lon Marvin 386 Richard and Lon Marvin 386 Richard and Lon Marvin 386 Richard and Sub Marvin 40 Chuck Marvin 40 Chuck Chuck Chuck Marvin 40 Chuck Chuck Marvin 40 Chuck Chuck Chuck Marvin 40 Chuck Chuck Chuck Marvin 40 Chuck Chuch	Bob and Wendy Holsman 192 <b>15</b> Hart Farms, Inc. 472 Jorry Magure 40 Kelly French 40 Rob Rob Miler 40 Sons Farms 410	M. Edwards 80 20 30 Ken Akins 40 Tom and Mary Jerkins 80 Jack Finger 120 Julie Kliner 40 Jack Finger 120 Julie Kliner 40 May Jerkins 80 Jack Finger 120 Jack Finger 240 Jack Finger 240 Jack Finger 240 Jack Finger 240	Milo Harms 80 13 Wisconsin Department 0 Natural Resources 460 Marty and 20 Dafa Kirby 120 Joan Mils 40 Dafa Kirby 120 Visconsin Department Resources 460 Res
Robert J. and Karen Weller 450 <b>30</b> Dane County Conservation League 120 Sam Watton 50 Sam Watton 50 <b>31</b> Karl and Becca 130 Karl and Becca 130 Kubish 85	Cate Zanto 215 229 Wayne Lusser 202 202 5 Sky 75 Jef 15 90 15 15 90 7 Jef 25 7 Jef 25 7 Jef 25 7 Jef 20 7 Jef 20 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Clyde Madden 253 Rachel Golden 200	Rick Stalone Hank Williams 180 Collins 80 110 112 Collins 80 110 110 112 Collins 80 110 110 110 110 110 110 110 110 110	Kristian Jankolsky 120         Flipe Warez 40           10         Hers 40 Rockycker         20 40         School Forest 120           10         Rockycker 10         20 10         School Forest 120           10         10         10         Interstein Forest 120         School Forest 120           10         10         10         Interstein Forest 120         Interstein Forest 120         Interstein Forest 120           10         10         10         Interstein Forest 10         Interstein Forest 10         Interstein Forest 10         Interstein Forest 10           10         10         10         Interstein Forest 10         Interstein Forest 10         Interstein Forest 10         Interstein Forest 10           11         11         10         10         Interstein Forest 12         Interstein Forest 12         Interstein Forest 12         Interstein Forest 13           11         10         10         10         Interstein Forest 12         Interstein Forest 12         Interstein Forest 12         Interstein Forest 12           12         10         10         10         Interstein Forest 12         Interstein Forest 12         Interstein Forest 12         Interstein Forest 12           12         10         10         10         Interstein Forest 12	Leafville Town Forest 100 Kelly Bula 80 Bula Bula Bula Bula Bula Bula Bula Bula

KEY

Town

Lake

# PLAT MAP QUESTIONS

I Have (Circle One): Plat Map 1 or Plat Map 2

Look at **Sections 25 and 2** on your map and answer the following questions for each. If there is no name listed, count the property as "individuals."

Map Questions	Section 25	Section 2
Find the largest property:		
How many acres is it?		
Who owns it?		
Find the smallest property:		
How many acres is it?		
Who owns it?		
How many different owners are there in the section?		
How many acres are there of land owned by:		
Individuals (Private Landowner)		
Counties and Municipalities (Towns/Cities)		
Federal Government (U.S.)		
Forest Industry		
State of Wisconsin		
Private Corporations		
Tribes		
There are 640 acres in a section. What percentage of the section do		
these types of owners own?		
Individuals (Private Landowner)		
Counties and Municipalities (Towns/Cities)		
Federal Government (U.S.)		
Forest Industry		
State of Wisconsin		
Private Corporations		
Tribes		
What is the percentage of ownership for <b>both sections</b> combined?		
Individuals (Private Landowner)		
Counties and Municipalities (Towns/Cities)		
Federal Government (U.S.)		
Forest Industry		
State of Wisconsin		
Private Corporations		
Tribes		
What is the biggest property you can find on the <b>whole map</b> ?		
Is there a school forest on the <b>whole map</b> ? How big is it?		

# PLAT MAP 1 KEY

Look at **Sections 25 and 2** on your map and answer the following questions for each. If there is no name listed, count the property as "individuals."

Map Questions	Section 25	Section 2
Find the largest property:		
How many acres is it?	100 Acres	200 Acres
Who owns it?	Pam Porter	Kent Newman
Find the smallest property:		
How many acres is it?	10 Acres	20 Acres
Who owns it?	Several	Several
How many different owners are there in the section?	22	9
How many acres are there of land owned by:		
Individuals (Private Landowner)	560	480
Counties and Municipalities (Towns/Cities)	80	-
Federal Government (U.S.)	-	-
Forest Industry	-	100
State of Wisconsin	-	60
Private Corporations	-	-
Tribes	-	-
There are 640 acres in a section. What percentage of the section do		
these types of owners own?		
Individuals (Private Landowner)	87%	75%
Counties and Municipalities (Towns/Cities)	13%	-
Federal Government (U.S.)	-	-
Forest Industry	-	16%
State of Wisconsin	-	9%
Private Corporations	-	-
Tribes	-	-
What is the percentage of ownership for <b>both sections</b> combined?		
Individuals (Private Landowner)	81%	
Counties and Municipalities (Towns/Cities)	6%	
Federal Government (U.S.)	-	
Forest Industry	8%	
State of Wisconsin	5%	
Private Corporations	-	
Tribes	-	
What is the biggest property you can find on the whole map?	480 Acres	
Is there a school forest on the <b>whole map</b> ? How big is it? Yes, 1		20 Acres

Lesson 7: Who Owns It?

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## PLAT MAP 2 KEY

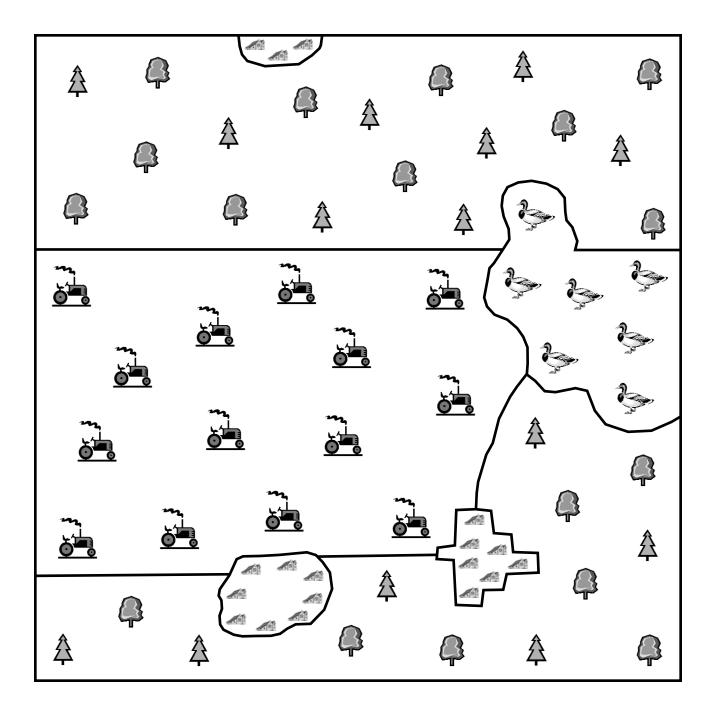
Look at **Sections 25 and 2** on your map and answer the following questions for each. If there is no name listed, count the property as "individuals."

Map Questions	Section 25	Section 2
Find the largest property:		
How many acres is it?	540 Acres	160 Acres
Who owns it?	U.S. Forest Service	Craig & Cathy Cook
Find the smallest property:		
How many acres is it?	100 Acres	20 Acres
Who owns it?	Leafville Town Forest	Several
How many different owners are there in the section?	2	10
How many acres are there of land owned by:		
Individuals (Private Landowner)	-	360
Counties and Municipalities (Towns/Cities)	100	120
Federal Government (U.S.)	540	-
Forest Industry	-	80
State of Wisconsin	-	-
Private Corporations	-	40
Tribes	-	40
There are 640 acres in a section. What percentage of the section do		
these types of owners own?		
Individuals (Private Landowner)	-	56%
Counties and Municipalities (Towns/Cities)	16%	19%
Federal Government (U.S.)	84%	-
Forest Industry	-	13%
State of Wisconsin	-	-
Private Corporations	-	6%
Tribes	-	6%
What is the percentage of ownership for <b>both sections</b> combined?		
Individuals (Private Landowner)	28%	
Counties and Municipalities (Towns/Cities)	17%	
Federal Government (U.S.)	42%	
Forest Industry	6%	
State of Wisconsin	-	
Private Corporations	3%	
Tribes	3%	
What is the biggest property you can find on the whole map?	480	Acres
Is there a school forest on the <b>whole map</b> ? How big is it?	Yes, 12	0 Acres

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### WHERE ARE THE FORESTS?



# **MANAGEMENT ROLES CARDS**

Raise money to buy land that will be donated to the state.

**Enacting laws** 

Volunteering

Voting

Conduct a meeting to hear citizens' concerns.

Create a management plan for a state forest.

Join an organization.

Attend a public hearing.

Educate about forests.

Invest in new equipment to make harvesting more efficient and profitable. Buy products with less packaging.

Allow public hunting, hiking, etc., on land you own to reduce the taxes you owe.

### MANAGEMENT ROLES CARDS KEY

Raise money to buy land that will be donated to the state. ORGANIZATIONS Organizations use their money to purchase lands that they later donate to Wisconsin under the stipulation that they are protected.	<b>Enacting laws</b> GOVERNMENT All levels of government enact laws that impact forests and their management.
<b>Volunteering</b>	<b>Voting</b>
INDIVIDUALS	INDIVIDUALS
People can volunteer for a number of groups	People can vote for lawmakers that will
or alone to do things that help forests.	support their views about forests.
Conduct a meeting to hear	Create a management plan
citizens' concerns.	for a state forest.
GOVERNMENT OR BUSINESSES	GOVERNMENT
Public input is often sought about forest issues	All state forest lands have management plans
by government and business.	prepared for them.
Join an organization.	Attend a public hearing.
INDIVIDUALS	INDIVIDUALS
Individuals often join with others who	People who want to learn more or voice their
share their interests.	opinions can attend public meetings.
Educate about forests. ALL Everyone can educate others about forests and forest management.	Buy products with less packaging. INDIVIDUALS The things we buy impact how forests are managed. If there is less packaging, fewer forest products were used.
Invest in new equipment to make	Allow public hunting, hiking, etc., on land
harvesting more efficient and profitable.	you own to reduce the taxes you owe.
BUSINESSES	INDIVIDUALS, BUSINESSES
Businesses can increase their profit	State law allows a tax reduction to
and reduce the impact they make on forests	those who allow public recreation on
by improving their equipment.	their managed forest land.

Lesson 7: Who Owns It?