

Start Chapter 10



SODBUSTERS

CHAPTER 10

MINNESOTA STUDIES

Nordberg 2015

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I CAN...

Analyze the causes and impact of migration and immigration on Minnesota society during the late 19th and early 20th centuries.

CAUSE → **EFFECT**

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BUSTING SOD



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What's The Difference Between Grasshoppers and Locusts?



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"All locusts are grasshoppers but not all grasshoppers are locusts."

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Ch 10 Sodbusters, vocabulary

Describe subsistence farming.	Subsistence farming is the practice of producing enough food to feed one's own family, but not enough to sell at market.
Using the Homestead Act of 1862, what did farmers need to do to get land in Minnesota?	Farmers could get a great deal on up to 160 acres if they built a house, lived on the land for five years, and farmed it. Sometimes they'd get the land for as little as an \$18 registration fee...
Describe diversified farming.	Diversified farming is the practice of producing a variety of crops and livestock on one farm. This practice protected farmers from losing too much money if prices dropped, and it also protected their soil from overuse.

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Read pp 198-201



Chapter 10 Vocabulary, continued...

Grange		a type of club for farmers
	A nationwide organization for farmers	
	that supports their economic well-being and their political interests.	better prices
regulate		
	To control or adjust something in order to change how it works.	
market		
	An area where people buy and sell goods and services. Markets are where prices are determined.	

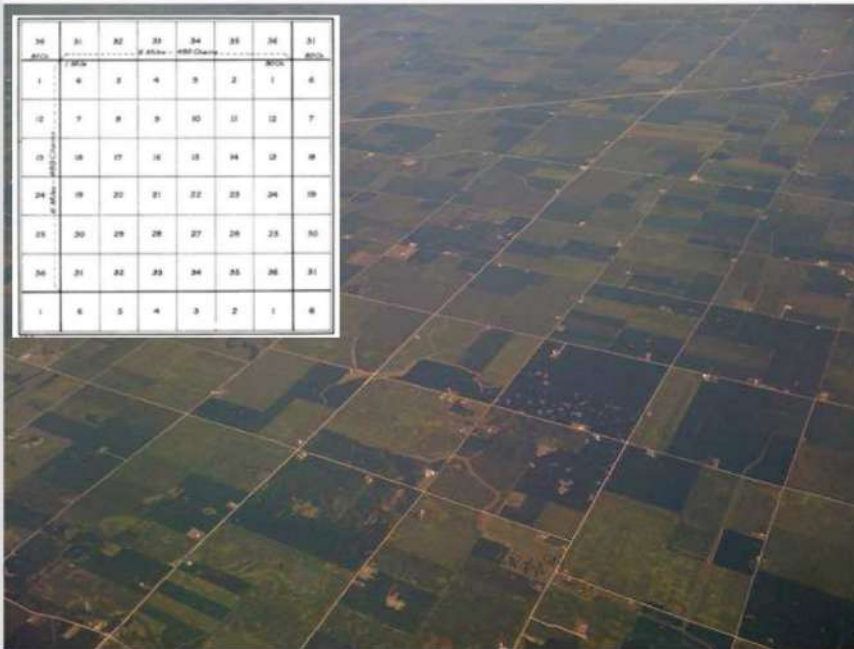
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What is a section of land?

1 SECTION OF LAND = 1 SQ MILE
 $\frac{1}{4}$ SECTION = 160 ACRES

36	31	22	31	34	25	36	31
1	6	5	4	3	2	1	6
12	7	8	9	10	11	12	7
13	18	17	16	15	14	13	18
24	19	20	21	22	23	24	19
25	20	29	28	27	26	25	20
36	31	32	33	34	35	36	31
1	6	5	4	3	2	1	6



1 mile

1 mile

640 acres

160

160

160

160

Survey Markers



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Diversified Farming Activity



Diversified Farming

soybeans	soybeans	swamp	swamp	swamp
soybeans	soybeans	squash	squash	swamp
corn	corn	corn	corn	corn
chickens	chickens	↑	cows	cows
chickens	wheat	wheat	cows	cows

How much \$\$ did this season earn for you?

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NOTEBOOK: Why was it important for farmers to diversify? 3-5 sentences...

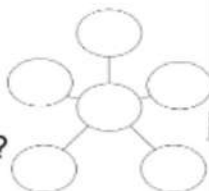


Ch 10: "Sodbusters" Stations

James J. Hill

Complete a web of Hill with 5 details about him.

- Major life events
- Remembered for?



Locusts!

Plot diagram of the grasshopper plague



setting/conflict/events/climax/resolution

Oliver H. Kelley

- Who was he?
- List five (5) ways the Grange made a farmer's life better.

ANSWERS FOUND IN
NORTHERN LIGHTS, PAGE 202.

John Deere

Complete a "Top 5" list of what he did and how his work changed farming in the area.

Draw a sweet tractor! Make it green?
...and plow

Devote a half-page in your journal to each of the four topics above...



OLIVER H. KELLEY

He helped create the Grange.

Near Elk River, MN



Why was the Grange important?

1. It included both men and women.
2. It was a place to share concerns about farming and the railroad.
3. It taught new farming techniques.
4. It helped get better prices for farmers.
5. It was a social group.



JOHN DEERE

The Man

- born 1804 in Vermont
- his mom was a seamstress
- his dad was a tailor who died when John was four
- apprenticed to a blacksmith
- married with children
- moved to Illinois
- opened blacksmith business

The Plow



1. Steel
2. Polished
3. Shape

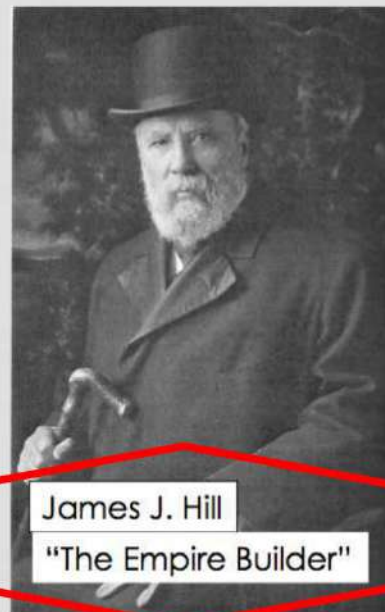
RAILROADS IN MINNESOTA



1870



1880



James J. Hill

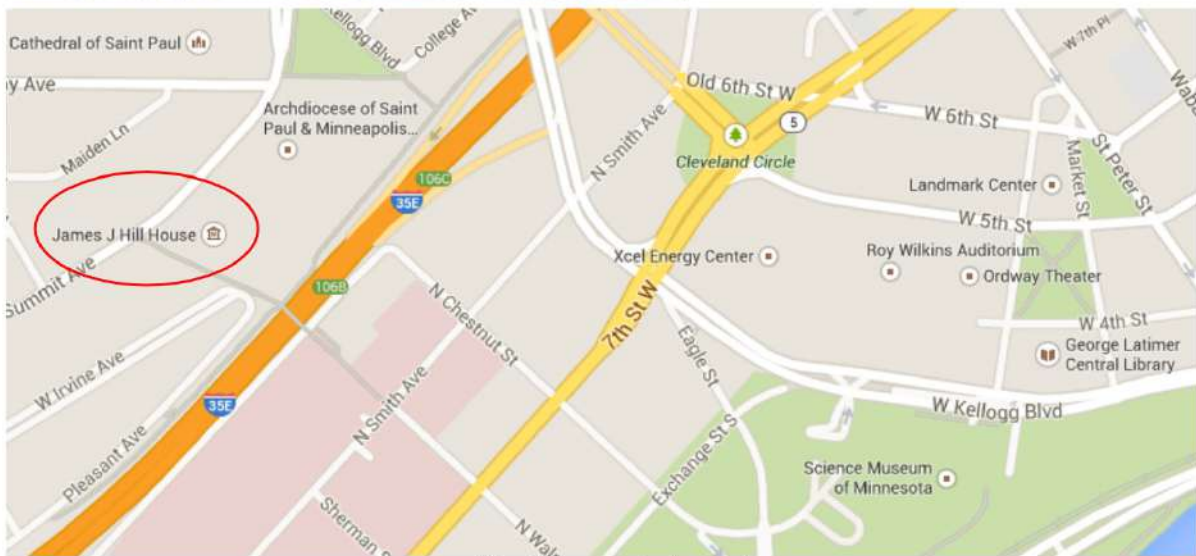
"The Empire Builder"

THE RAILROAD



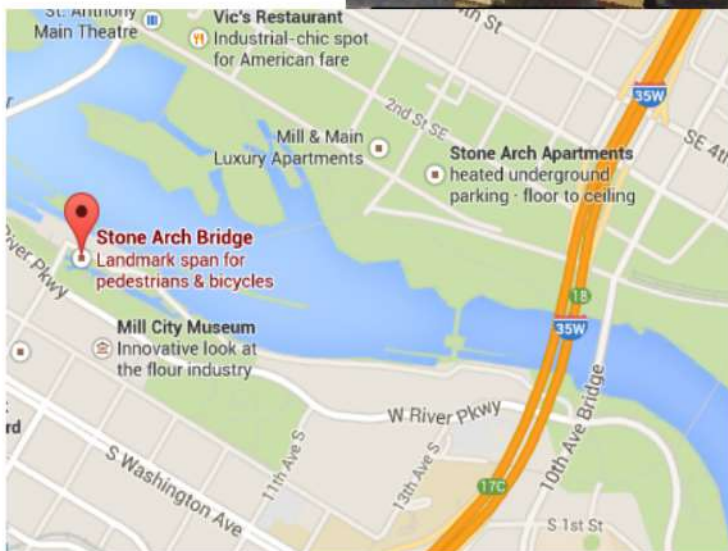
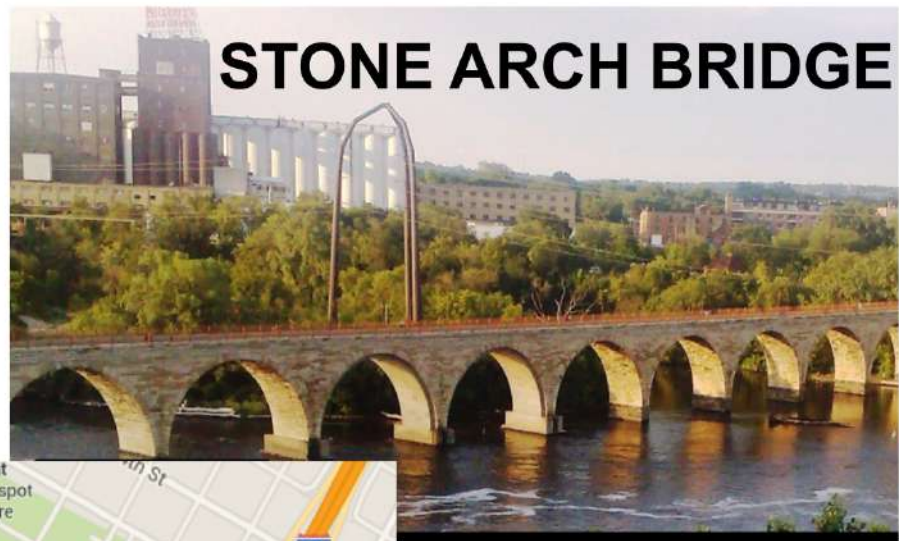
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James J. Hill House



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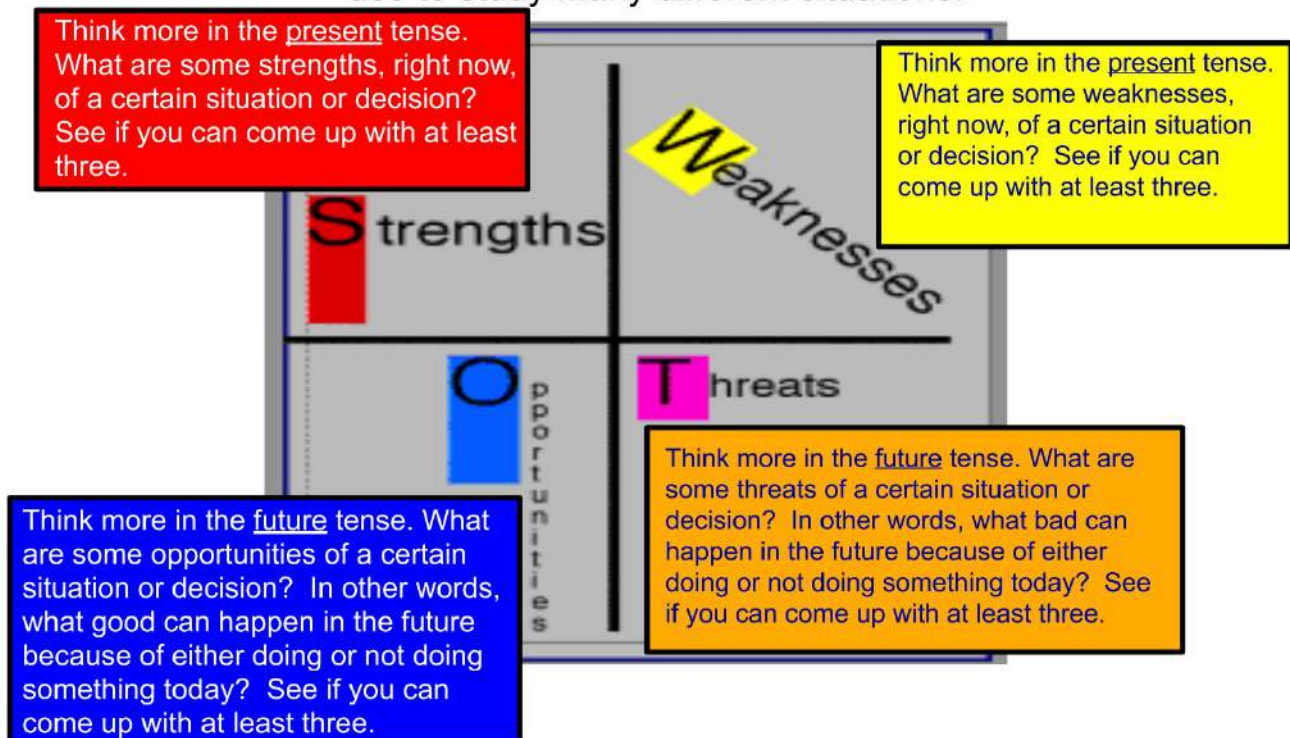
James J. Hill



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S.W.O.T. Chart...

This is a SWOT chart. Some businesses use this organizer to evaluate their organization or decisions. It's a high-powered pro-con analysis that we can use to study many different situations.



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The Railroad: A Farmer's Perspective (The Grange)

- ☆ 3. Cheaper Transportation
- 2. Connects with larger markets

- ☆ 1. Faster transportation / mail

- ☆ 1. Larger market for more \$\$
- 2. Buy and sell at greater distances
- 3. Buy more land from RR
- 4. Get job building RR

- ☆ 2. takes a lot of land
- 1. loud

Textbook Pages 204-206
and Class Discussion

S W
O T

- 1. trains hit livestock
- 2. crashes destroy product
- 3. market competition drives down price
- ☆ 4. RR raises price in later years

The Railroad: James J. Hill's Perspective

- ☆ 3. more people / larger towns
- 2. hauls a lot of cargo

- ☆ 1. fast transportation

- 1. expand agriculture to more areas in MN
- 2. control transportation and prices
- ☆ 3. haul coal and iron ore from mines

- 2. pollution (modern concern?)
- ☆ 1. expensive to build

S W
O T

- 1. competing forms of transportation
- 2. train wrecks / lost confidence
- ☆ 3. price regulation

