

Clean Air Council Environmental Education Workshop

June 27th 2017

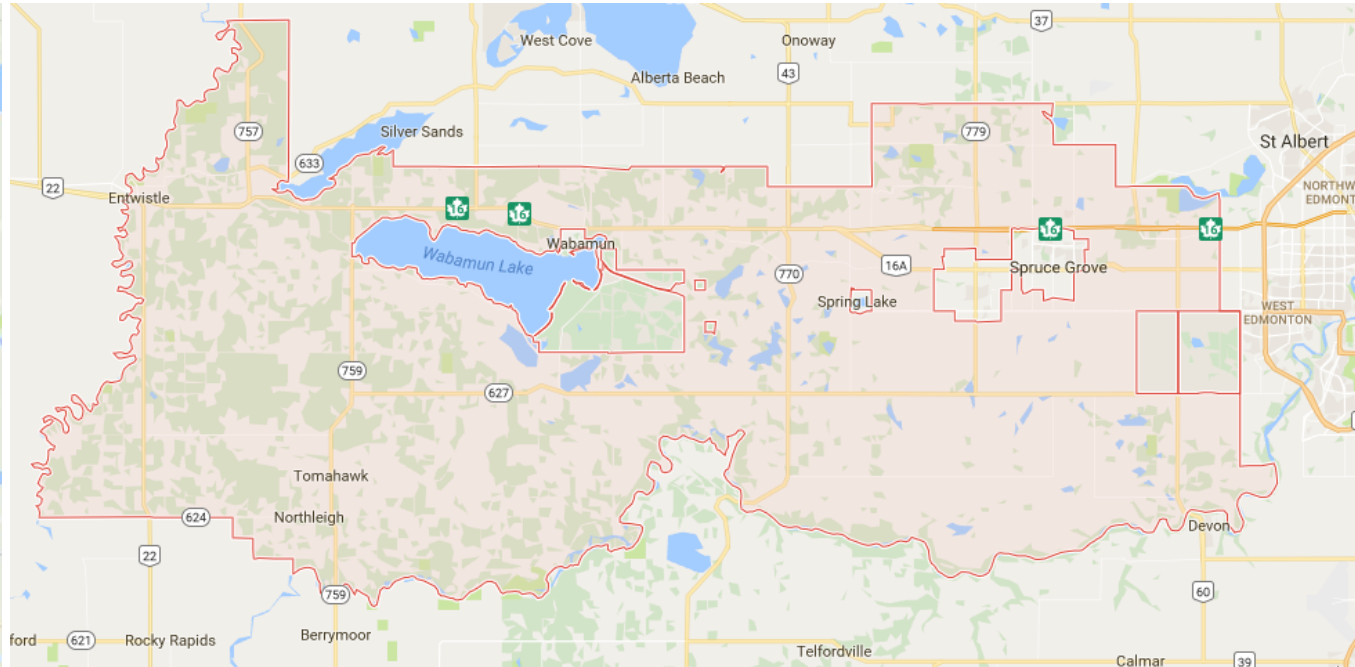
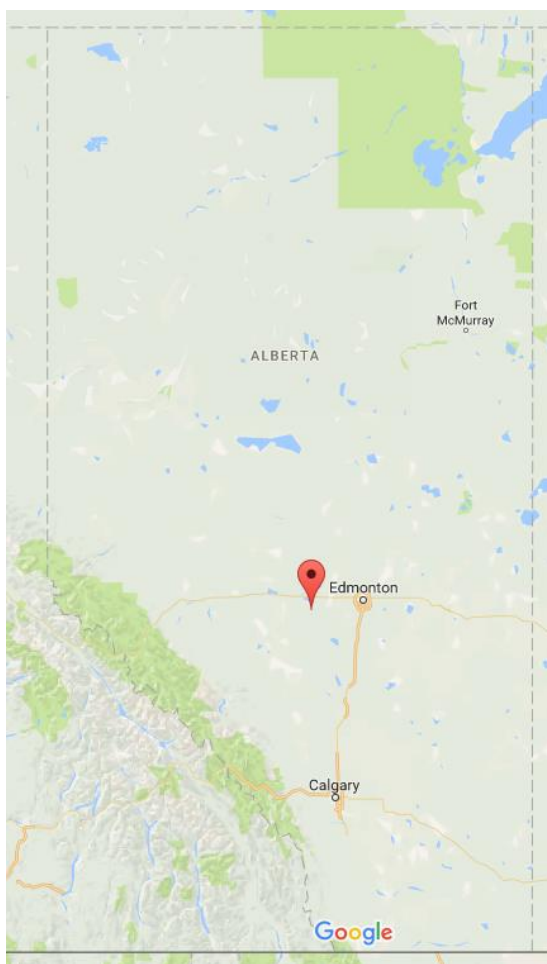


Overview

- Where is Parkland County
- Project Background
- Project Development
- Introductory Lessons
- The Debate Lessons
- The Small Group Project
- The Fairs
- The Teaching Support Materials
- Animated Video (Time Permitting)

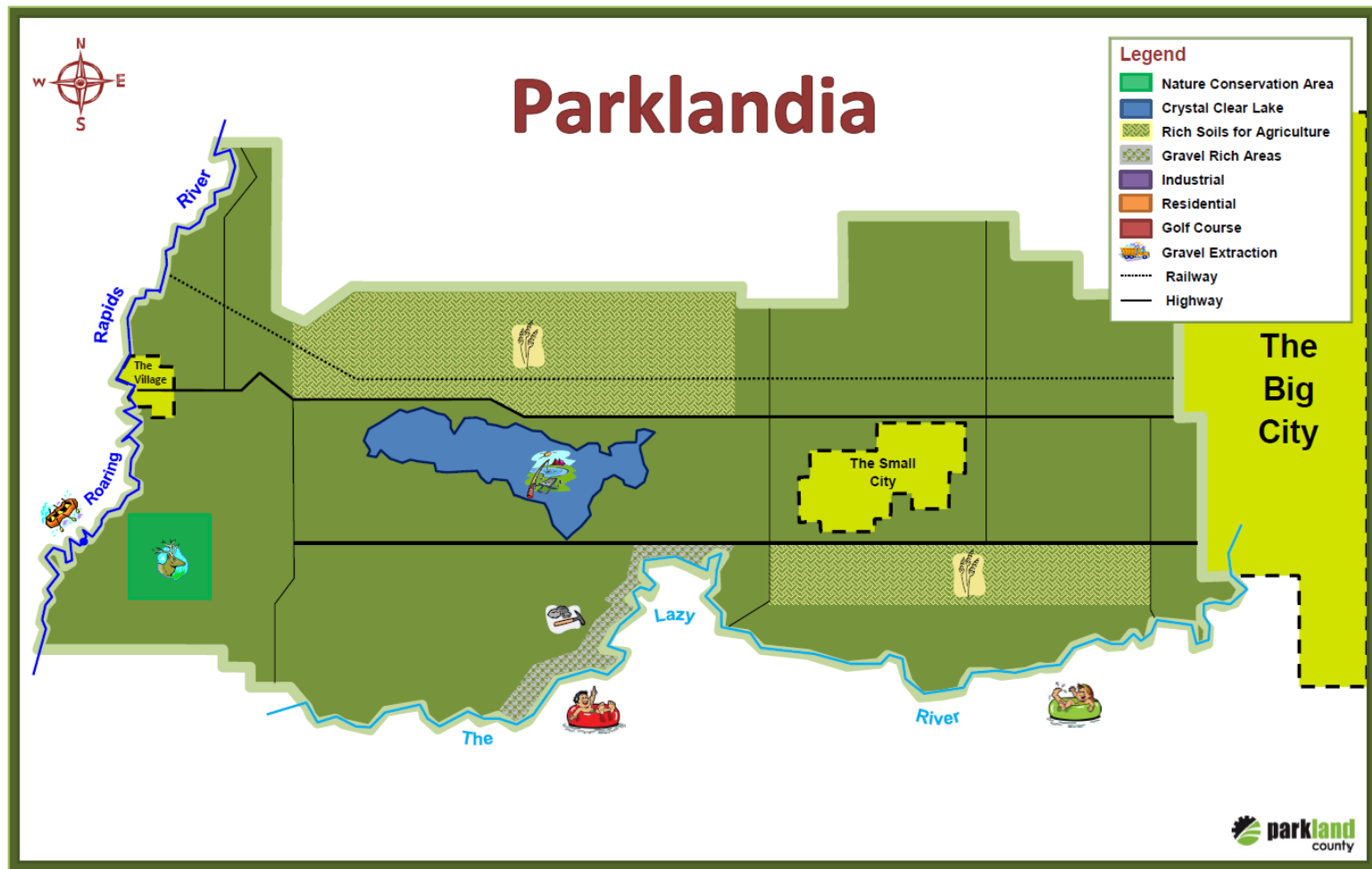


Geographical Context



240,000 Ha
30,000 people
330+ Country Residential Subdivisions

The Fictitious Community of Parklandia



Project Background

- Community Sustainability and Development Plan
 - Combined ICSP and OP
- Heavy emphasis placed on community and youth engagement
- How to make municipal governance, land use, development and decision making exciting to youth?
- How to encourage buy-in from schools?

Project Development

- Alberta grade 6 curriculum learning objectives
- Designed program to fit the target audience
- Concept: a number of important decisions need to be made in the fictitious community of Parklandia
- Final Plan:
 1. Introductory presentations
 2. Video lessons + debates
 3. Parklandia small group project launch
 4. Classroom Fair
 5. Regional Fair

Introductory Lesson 1 – Local Government

Goal 1: Provide an understanding of how local government functions and the services it provides.

Goal 2: Define the role of Mayor and Council and how municipal decision making is done.

Teaching Tools:

- PowerPoint Presentation
- Community amenity props

Introductory Lesson 1 – Local Government

Question 1: what is important to you and your family?



Introductory Lesson 1 – Local Government

Question 2: Which department provides the service ?

Engineering



Enforcement



Agriculture



Planning



Economic Development



Public Works



Parks & Recreation



Introductory Lesson 2 – Planning

Goal: Introduce the discipline of land use planning.

Topic 1: Good planning and bad planning

Topic 2: The complete communities or live/work/play

Teaching Tools:

- PowerPoint Presentation
- Community amenity props

Lesson 2 – The Importance of Planning

Topic 1: Is this good planning?



Lesson 2 – The Importance of Planning

Topic 2: The Live/Work/Play Concept

Live



Work



Play



Lessons 3-7: Debate Time

Goal: Make real world land use planning decisions that involve tradeoffs.

Topics:

- Lesson 3: Environmental Conservation
- Lesson 4: Residential Development
- Lesson 5: Economic Development & Industry
- Lesson 6: Resource Extraction
- Lesson 7: Parks and Recreation

Teaching Tools:

- Animated videos

Lessons 3-7: Format

Animated Videos:

1. Topic Introduction
2. The Dilemma
3. The Stakeholder Perspectives
4. The Classroom Debate
5. The Decision



Lesson 8 – Design a Complete Community

Goal: Application of concepts in the design of a complete community.

Teaching Tools:

- Imagination



The Fairs



Teaching Support Materials

- Lesson plans
- Note taking worksheets
- PowerPoint presentations
- Community amenity props
- The Parklandia Map and decision outcome props
- 5 Animated videos
- Group project outline
- Judging score sheets

Thank you

<https://www.parklandcounty.com/en/live-and-play/parklandia.aspx>

Or just Google Parklandia

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