Careers in Animal Science

A. Identify career clusters within the animal science industry
B. Recognize trends in the animal industry and how they affect the job market
C. Develop a career plan

Meal Career Web

• Group 1 - Breakfast (Eggs, Bacon, Toast)
• Group 2 - Breakfast (Pancakes, Orange Juice, Sausage)
• Group 3 - Lunch (Pizza)
• Group 4 - Lunch (Turkey Sandwich, apple, corn chips)
• Group 5 - Dinner (Pork Chops, Mashed Potatoes, Green Salad)
• Group 6 - Dinner (Enchiladas, Corn, Rice)

Career Clusters

• Production
  - Works directly with breeding and raising animals
  - Most traditional career in animal science
  - Farmers & ranchers

• Sales & Marketing
  - Sells animals & their products produced by farmers & ranchers
  - Develops advertising to promote agricultural products
  - Sells products to farmers and ranchers
A. Identify career clusters within the animal science industry

Career Clusters

- Services
  - Provides services to farmers and ranchers
  - Ensures safety of animal derived products

- Processing
  - Prepares raw products for sale

- Education & Research
  - Research new and better methods to use in agriculture
  - Educate public about agriculture
    - Formally in school
    - Through extension programs
A. Identify career clusters within the animal science industry

**Career Clusters**

- Farmer
- Livestock Inspector
- Extension Agent
- University Professor

**Education & Research**

**Careers in Animal Science**

**Trends**

- Trend /trend/ (noun)
  A general direction in which something is developing or changing.

Are there trends in agriculture?

**B. Recognize trends in the animal industry and how they affect the job market**

**Trends**

- Increased consumer demand for locally produced food
- As a result, urban or small scale agriculture has become an increasingly relevant career.

**Trends**

- Increased consumer demand for labels indicating how food was produced
  - Free range, cage free
  - Grass fed

**Trends**

- Animal production follows the trends of human food consumption
  - Lower fat

**Trends**

How do trends affect animal production?

- Farmers & ranchers produce what consumers demand
Trends

How do trends affect job market?

Trends either increase or diminish job markets

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<tr>
<th>IF...</th>
<th>THEN...</th>
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<tr>
<td>Trends show LESS people consuming lamb</td>
<td>There will be fewer careers within the sheep industry</td>
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B. Recognize trends in the animal industry and how they affect the job market

New dietetic research shows benefits of consuming white meat

Pork Producers will hire dieticians and marketers to educate public about benefits of consuming pork

Dairy products are socially targeted as ‘bad’ because of their fat content

Dairy producers will invest in marketers and educators to teach of the nutritional benefits of low fat dairy products

Career Plan

• Plan for your education
  – Prepare financially
    - Master’s Degree (6 years)
    - Bachelor’s Degree (4 years)
    - Associate’s Degree (2 years)
    - Doctorate Degree (8+ years)

C. Develop a career plan

Career Plan

• Get experience early
  – Internships
  – Entry level jobs in related fields
  – Career Development Events