



Monday 09/04/2023

## Animal Science

### Introduction to Ag

#### Lesson / Instruction

Range Judging Handbook

Sections 3 & 4 - Proper Use, Similarity Index, Carrying capacity, range management techniques

Discuss and complete examples all week.

#### Standards

- NRS.01.02.02.b Identify herbaceous plants.
- NRS.01.02.02.a Describe morphological characteristics used to identify herbaceous plants.
- NRS.01.02.03.b Identify wildlife species.
- NRS.02.04.04.a Identify characteristics of healthy rangeland.
- NRS.02.04.04.b Identify methods of rangeland improvement.
- NRS.02.04.04.c Evaluate a rangeland and develop a management plan for improvement.
- NRS.02.04.05.a Identify natural resource characteristics desirable for recreational purposes.
- NRS.02.06.07.a Define invasive species.
- NRS.02.06.06.c Create and implement a management plan based on a population study for a community of organisms.
- NRS.02.06.07.b Discuss factors that influence the establishment and spread of invasive species.
- PS.01.03.04.c Select plant growth regulators to produce desired responses from plants.
- PS.01.03.04.b Identify the plant responses to plant growth regulators and different forms of tropism.

Describe "Proper Use" in relation to range pasture management

Apply proper use techniques to find a degree of use

Apply proper use techniques to determine the similarity index of an ecological site

Describe different ways to manage rangeland resources including; stocking rate, watersheds, grazing distributions, livestock water, fencing, wells, salt/minerals, burning/mowing, reseeding, control brush, rotational grazing.

#### Homework / Evidence of Learning

Range Card 2 (C)

Filling out AUM'S by using sample maps from the instructor

Continue to learn more plants

#### Materials / Resources / Technology

PDF Range Judging Handbook

Paper Copy's

Powerpoints

Google Classroom material

## Plant Science/Hort

#### Lesson / Instruction

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#### Homework / Evidence of Learning

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### Science 7

#### Lesson / Instruction

Bellringer: Google Classroom  
Key terms: critical thinking, scientific methods, variable, length, mass, volume, weight  
Hand in Symbols worksheet or Concept review- unless we did not get to it last Friday because of MAPS testing - then we will hand out today for homework due Wednesday  
MAPS TESTING TOMORROW

#### Standards

- UCP1 Systems, order, and organization
- UCP2 Evidence, models, and explanation
- UCP3 Change, consistency, and measurements
- SAI1 Abilities to do scientific inquiry
- SAI2 Understanding about scientific inquiry
- ST2 Understanding about science and technology
- HNS1 Science as a human endeavor
- HNS2 Nature of science
- HNS3 History of science

Chapter 1 Unit 2 The Way Science Works  
How Can I Think and Act like a scientist?  
How Do scientists measure things?

#### Homework / Evidence of Learning

Section 2 Concept review worksheet or the symbols worksheet - lets see where we got to on friday.



Welding I

Lesson / Instruction

SMAW Welding

Standards

**PST.01.02.03.b** Select, maintain and demonstrate the proper use of tools, machines and equipment used in different AFNR related mechanical systems.

**PST.01.02.03.c** Conduct a safety inspection of tools, machines and equipment used in different AFNR related mechanical systems.

**PST.01.03** Apply physical science principles to metal fabrication using a variety of welding and cutting processes (e.g., SMAW, GMAW, GTAW, fuel-oxygen and plasma arc torch, etc.).

**PST.02** Operate and maintain AFNR mechanical equipment and power systems.

**PST.02.01.01.a** Maintain the cleanliness and appearance of equipment, machinery and power units used in AFNR power, structural and technical systems to assure proper functionality.

**PST.02.02** Operate machinery and equipment while observing all safety precautions in AFNR settings.

Striking an electrical ARC using the SMAW welding process

Completing a bead on metal using the SMAW welding processes

Using a chop saw, soap stone and tape measure to properly measure and cut flat iron for SMAW welding practices



Tuesday 09/05/2023

## Animal Science

### Introduction to Ag

#### Lesson / Instruction

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Sections 3 & 4 - Proper Use, Similarity Index, Carrying capacity, range management techniques

Discuss and complete examples all week.

#### Standards

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#### Homework / Evidence of Learning

Range Card 2 (C)

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Continue to learn more plants

#### Materials / Resources / Technology

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Paper Copy's

Powerpoints

Google Classroom material

## Plant Science/Hort

### Lesson / Instruction

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Sections 3 & 4 - Proper Use, Similarity Index, Carrying capacity, range management techniques

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#### Homework / Evidence of Learning

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#### Materials / Resources / Technology

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### Science 7

#### Physical Science

#### Lesson / Instruction

Chapter 1 Review.  
Partner work even questions in class

#### Standards

- UCP1 Systems, order, and organization
- UCP2 Evidence, models, and explanation
- UCP3 Change, consistency, and measurements
- SAI1 Abilities to do scientific inquiry
- SAI2 Understanding about scientific inquiry
- ST2 Understanding about science and technology
- HNS1 Science as a human endeavor
- HNS2 Nature of science
- HNS3 History of science

No Class -MAPS Testing

### Welding I

#### Lesson / Instruction

SMAW Welding

#### Standards

- PST.01.02.03.b Select, maintain and demonstrate the proper use of tools, machines and equipment used in different AFNR related mechanical systems.
- PST.01.02.03.c Conduct a safety inspection of tools, machines and equipment used in different AFNR related mechanical systems.
- PST.01.03 Apply physical science principles to metal fabrication using a variety of welding and cutting processes (e.g., SMAW, GMAW, GTAW, fuel-oxygen and plasma arc torch, etc.).



- PST.02 Operate and maintain AFNR mechanical equipment and power systems.
- PST.02.01.01.a Maintain the cleanliness and appearance of equipment, machinery and power units used in AFNR power, structural and technical systems to assure proper functionality.
- PST.02.02 Operate machinery and equipment while observing all safety precautions in AFNR settings.

Strking an electrical ARC using the SMAW welding process  
Completing a bead on metal using the SMAW welding processes  
Using a chop saw, soap stone and tape measure to properly measure and cut flat iron for SMAW welding practices



Wednesday 09/06/2023

## Animal Science

### Introduction to Ag

#### Lesson / Instruction

Range Judging Handbook

Sections 3 & 4 - Proper Use, Similarity Index, Carrying capacity, range management techniques

Discuss and complete examples all week.

#### Standards

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#### Homework / Evidence of Learning

Range Card 2 (C)

Filling out AUM'S by using sample maps from the instructor

Continue to learn more plants

#### Materials / Resources / Technology

PDF Range Judging Handbook

Paper Copy's

Powerpoints

Google Classroom material

## Plant Science/Hort

#### Lesson / Instruction

Range Judging Handbook

Sections 3 & 4 - Proper Use, Similarity Index, Carrying capacity, range management techniques

Discuss and complete examples all week.

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- NRS.01.02.02.a Describe morphological characteristics used to identify herbaceous plants.
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#### Homework / Evidence of Learning

Range Card 2 (C)  
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#### Materials / Resources / Technology

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### Science 7

#### Physical Science

#### Lesson / Instruction

Sub:  
Complete Odd questions on Chapter 1 Review in class.  
Ch. 1 Test on Friday

#### Standards

- UCP1 Systems, order, and organization
- UCP2 Evidence, models, and explanation
- UCP3 Change, consistency, and measurements
- SAI1 Abilities to do scientific inquiry
- SAI2 Understanding about scientific inquiry
- ST2 Understanding about science and technology
- HNS1 Science as a human endeavor
- HNS2 Nature of science
- HNS3 History of science

Chapter 1 Unit 2 The Way Science Works  
How Can I Think and Act like a scientist?  
How Do scientists measure things?

#### Homework / Evidence of Learning

Section 2 Concept review worksheet or the symbols worksheet - lets see where we got to on Monday. If we are on task, concept review will be due Friday.





MAPS TESTING TOMORROW

Welding I

Lesson / Instruction

SMAW Welding

Standards

**PST.01.02.03.b** Select, maintain and demonstrate the proper use of tools, machines and equipment used in different AFNR related mechanical systems.

**PST.01.02.03.c** Conduct a safety inspection of tools, machines and equipment used in different AFNR related mechanical systems.

**PST.01.03** Apply physical science principles to metal fabrication using a variety of welding and cutting processes (e.g., SMAW, GMAW, GTAW, fuel-oxygen and plasma arc torch, etc.).

**PST.02** Operate and maintain AFNR mechanical equipment and power systems.

**PST.02.01.01.a** Maintain the cleanliness and appearance of equipment, machinery and power units used in AFNR power, structural and technical systems to assure proper functionality.

**PST.02.02** Operate machinery and equipment while observing all safety precautions in AFNR settings.

Striking an electrical ARC using the SMAW welding process  
Completing a bead on metal using the SMAW welding processes  
Using a chop saw, soap stone and tape measure to properly measure and cut flat iron for SMAW welding practices



Thursday 09/07/2023

## Animal Science

### Introduction to Ag

#### Lesson / Instruction

Range Judging Handbook

Sections 3 & 4 - Proper Use, Similarity Index, Carrying capacity, range management techniques

Discuss and complete examples all week.

#### Standards

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- NRS.02.06.07.b Discuss factors that influence the establishment and spread of invasive species.
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- PS.01.03.04.b Identify the plant responses to plant growth regulators and different forms of tropism.

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#### Homework / Evidence of Learning

Range Card 2 (C)

Filling out AUM'S by using sample maps from the instructor

Continue to learn more plants

#### Materials / Resources / Technology

PDF Range Judging Handbook

Paper Copy's

Powerpoints

Google Classroom material

## Plant Science/Hort

#### Lesson / Instruction

Range Judging Handbook

Sections 3 & 4 - Proper Use, Similarity Index, Carrying capacity, range management techniques

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### Science 7

#### Physical Science

#### Lesson / Instruction

ch. 1 review

#### Standards

- UCP1 Systems, order, and organization
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- SAI2 Understanding about scientific inquiry
- ST2 Understanding about science and technology
- HNS1 Science as a human endeavor
- HNS2 Nature of science
- HNS3 History of science

Chapter 1 review in class

### Welding I

#### Lesson / Instruction

SMAW Welding

#### Standards

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- PST.01.02.03.c Conduct a safety inspection of tools, machines and equipment used in different AFNR related mechanical systems.
- PST.01.03 Apply physical science principles to metal fabrication using a variety of welding and cutting processes (e.g., SMAW, GMAW, GTAW, fuel-oxygen and plasma arc torch, etc.).



- PST.02 Operate and maintain AFNR mechanical equipment and power systems.
- PST.02.01.01.a Maintain the cleanliness and appearance of equipment, machinery and power units used in AFNR power, structural and technical systems to assure proper functionality.
- PST.02.02 Operate machinery and equipment while observing all safety precautions in AFNR settings.

Strking an electrical ARC using the SMAW welding process  
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Friday 09/08/2023

## Animal Science

### Introduction to Ag

#### Lesson / Instruction

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#### Homework / Evidence of Learning

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### Science 7

#### physical science

#### Lesson / Instruction

Ch 1 Test

#### Standards

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Chapter 1 Unit 2 The Way Science Works  
How Can I Think and Act like a scientist?  
How Do scientists measure things?

#### Homework / Evidence of Learning

No weekend Homework.

### Welding I

#### Lesson / Instruction

SMAW Welding

#### Standards



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**PST.01.02.03.c** Conduct a safety inspection of tools, machines and equipment used in different AFNR related mechanical systems.

**PST.01.03** Apply physical science principles to metal fabrication using a variety of welding and cutting processes (e.g., SMAW, GMAW, GTAW, fuel-oxygen and plasma arc torch, etc.).

**PST.02** Operate and maintain AFNR mechanical equipment and power systems.

**PST.02.01.01.a** Maintain the cleanliness and appearance of equipment, machinery and power units used in AFNR power, structural and technical systems to assure proper functionality.

**PST.02.02** Operate machinery and equipment while observing all safety precautions in AFNR settings.

Striking an electrical ARC using the SMAW welding process

Completing a bead on metal using the SMAW welding processes

Using a chop saw, soap stone and tape measure to properly measure and cut flat iron for SMAW welding practices