|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Class | Monday | Tuesday | Wednesday | Thursday | Friday |
| AG Power and Fabrication | TEKS:  Obj: | TEKS:  Obj: | TEKS:  Obj: | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects |
| AG Mechanics | TEKS:  Obj: | TEKS:  Obj: | TEKS:  Obj: | TEKS: 130.26.9d  Obj: Weld a lap joint that passes visual inspection in the 1F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9d  Obj: Weld a lap joint that passes visual inspection in the 1F position   * Mild steel 2x4” * 7018 1/8” electrodes |
| Principles of AFNR | TEKS:  Obj: | TEKS:  Obj: | TEKS:  Obj: | TEKS: 130.2.c5a-c,  Obj: develop understanding of the principals of FFA involvement and opportunities offered   * FFA Flyer * Program of Activities Project | TEKS: 130.2.c5a-c,  Obj: develop understanding of the principals of FFA involvement and opportunities offered   * FFA Flyer * Program of Activities Project |
| Livestock Production | TEKS:  Obj: | TEKS:  Obj: | TEKS:  Obj: | TEKS: 130.7.c6a-e  Obj: develop understanding of the basic functions of a monogastric’s digestive system   * What do I know activity * Comparing systems project | TEKS: 130.7.c6a-e  Obj: develop understanding of the basic functions of a monogastric’s digestive system   * What do I know activity * Comparing systems project |
| Advanced Animal Science | TEKS:  Obj: | TEKS:  Obj: | TEKS:  Obj: | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * ICEV Video * Cow Repro Handout | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * ICEV Video * Cow Repro Handout |

**Mr. Borden’s Agricultural Science Lesson Plans**

**4th Six Weeks**

**Week 1**

**Mr. Borden’s Agricultural Science Lesson Plans**

**4th Six Weeks**

**Week 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Class | Monday | Tuesday | Wednesday | Thursday | Friday |
| AG Power and Fabrication | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects |
| AG Mechanics | TEKS: 130.26.9d  Obj: Weld a lap joint that passes visual inspection in the 1F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9d  Obj: Weld a lap joint that passes visual inspection in the 1F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9d  Obj: Weld a lap joint that passes visual inspection in the 1F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9d  Obj: Weld a lap joint that passes visual inspection in the 2F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9d  Obj: Weld a lap joint that passes visual inspection in the 2F position   * Mild steel 2x4” * 7018 1/8” electrodes |
| Principles of AFNR | TEKS: 130.2.c5a-c,  Obj: develop understanding of the principals of FFA involvement and opportunities offered   * FFA Flyer * Program of Activities Project | TEKS: 130.2.c5a-c,  Obj: develop understanding of the principals of FFA involvement and opportunities offered   * FFA Flyer * Program of Activities Project | TEKS: 130.2.c5a-c,  Obj: develop understanding of the principals of FFA involvement and opportunities offered   * FFA Events Graphic Organizer * Program of Activities Project | TEKS: 130.2.c5a-c,  Obj: develop understanding of the principals of FFA involvement and opportunities offered   * FFA Events Graphic Organizer | TEKS: 130.2.c5a-c,  Obj: develop understanding of the principals of FFA involvement and opportunities offered   * FFA Events Graphic Organizer |
| Livestock Production | TEKS: 130.7.c6a-e  Obj: develop understanding of the basic functions of a monogastric’s digestive system   * What do I know activity * Comparing systems project | TEKS: 130.7.c6a-e  Obj: develop understanding of the basic functions of a monogastric’s digestive system   * What do I know activity * Comparing systems project | TEKS: 130.7.c6a-e  Obj: develop understanding of the basic functions of a monogastric’s digestive system   * Pigs Digestive System labeling WS | TEKS: 130.7.c6a-e  Obj: develop understanding of the basic functions of a monogastric’s digestive system   * Monogastric digestive system poster project | TEKS: 130.7.c6a-e  Obj: develop understanding of the basic functions of a monogastric’s digestive system   * Monogastric digestive system poster project |
| Advanced Animal Science | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * AI Techniques * Cow Repro Handout | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * Cow Repro Poster * Cow Repro Handout | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * Cow Repro Poster * Cow Repro Handout | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * ICEV Video * Swine Repro Handout | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * AI Techniques * Swine Repro Handout |

**Mr. Borden’s Agricultural Science Lesson Plans**

**4th Six Weeks**

**Week 3**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Class | Monday | Tuesday | Wednesday | Thursday | Friday |
| AG Power and Fabrication | TEKS:  Obj: | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects |
| AG Mechanics | TEKS:  Obj: | TEKS: 130.26.9d  Obj: Weld a lap joint that passes visual inspection in the 2F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9d  Obj: Weld a lap joint that passes visual inspection in the 2F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9d  Obj: Weld a lap joint that passes visual inspection in the 2F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9d  Obj: Weld a lap joint that passes visual inspection in the 2F position   * Mild steel 2x4” * 7018 1/8” electrodes |
| Principles of AFNR | TEKS:  Obj: | TEKS: 130.2.c5a-c,  Obj: develop understanding of the principals of FFA involvement and opportunities offered   * ICEV assessments 1-5 | TEKS: 130.2.c5a-c,  Obj: develop understanding of the principals of FFA involvement and opportunities offered   * ICEV assessments 1-5 | TEKS: 130.2.c5a-c,  Obj: develop understanding of the principals of FFA involvement and opportunities offered   * ICEV assessments 1-5 | TEKS: 130.2.c5a-c,  Obj: develop understanding of the principals of FFA involvement and opportunities offered   * ICEV assessments 1-5 |
| Livestock Production | TEKS:  Obj: | TEKS: 130.7.c6a-e  Obj: develop understanding of the basic functions of a monogastric’s digestive system   * Monogastric digestive system poster project | TEKS: 130.7.c6a-e  Obj: develop understanding of the basic functions of a monogastric’s digestive system   * ICEV Assessments 1-5 | TEKS: 130.7.c6a-e  Obj: develop understanding of the basic functions of a monogastric’s digestive system   * ICEV Assessments 1-5 | TEKS: 130.7.c6a-e  Obj: develop understanding of the basic functions of a monogastric’s digestive system   * ICEV Assessments 1-5 |
| Advanced Animal Science | TEKS:  Obj: | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * ICEV Video * Swine Repro Handout | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * AI techniques * Swine Repro Handout | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * Repro poster * Swine Repro Handout | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * Repro poster * Swine Repro Handout |

**Mr. Borden’s Agricultural Science Lesson Plans**

**4th Six Weeks**

**Week 4**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Class | Monday | Tuesday | Wednesday | Thursday | Friday |
| AG Power and Fabrication | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects |
| AG Mechanics | TEKS: 130.26.9d  Obj: Weld a T joint that passes visual inspection in the 1F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9d  Obj: Weld a T joint that passes visual inspection in the 1F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9d  Obj: Weld a T joint that passes visual inspection in the 1F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9d  Obj: Weld a T joint that passes visual inspection in the 1F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9d  Obj: Weld a T joint that passes visual inspection in the 1F position   * Mild steel 2x4” * 7018 1/8” electrodes |
| Principles of AFNR | TEKS: 130.2.c2a-d,  Obj: develop an understanding and begin developing their own Supervised Agricultural Experience   * SAE Planning * SAE Reflection * SAE Role Playing | TEKS: 130.2.c2a-d,  Obj: develop an understanding and begin developing their own Supervised Agricultural Experience   * SAE Planning * SAE Reflection * SAE Role Playing | TEKS: 130.2.c2a-d,  Obj: develop an understanding and begin developing their own Supervised Agricultural Experience   * SAE Planning * SAE Reflection * SAE Role Playing | TEKS: 130.2.c2a-d,  Obj: develop an understanding and begin developing their own Supervised Agricultural Experience   * SAE Planning * SAE Reflection * SAE Role Playing | TEKS: 130.2.c2a-d,  Obj: develop an understanding and begin developing their own Supervised Agricultural Experience   * SAE Planning * SAE Reflection * SAE Role Playing |
| Livestock Production | TEKS: 130.7.c6a-e  Obj: develop understanding of the basic functions of a monogastric’s digestive system   * ICEV Assessments 1-5 | TEKS: 130.7.c6a-e  Obj: develop understanding of the basic functions of a monogastric’s digestive system   * ICEV Assessments 1-5 | TEKS: 130.7.c6a-e  Obj: Learn the differences in reproductive tracts between livestock species   * Anatomy handout * Model systems project | TEKS: 130.7.c6a-e  Obj: Learn the differences in reproductive tracts between livestock species   * Anatomy handout * Model systems project | TEKS: 130.7.c6a-e  Obj: Learn the differences in reproductive tracts between livestock species   * Anatomy handout * Model systems project |
| Advanced Animal Science | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * ICEV Video * Sheep/Goat Repro Handout | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * AI Techniques * Sheep/Goat Repro Handout | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * ICEV Video * Poulrty Repro Handout | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * ICEV Video * Poulrty Repro Handout | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * AI Techniques * Poulrty Repro Handout |

**Mr. Borden’s Agricultural Science Lesson Plans**

**4th Six Weeks**

**Week 5**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Class | Monday | Tuesday | Wednesday | Thursday | Friday |
| AG Power and Fabrication | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects |
| AG Mechanics | TEKS: 130.26.9d  Obj: Weld a T joint that passes visual inspection in the 2F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9d  Obj: Weld a T joint that passes visual inspection in the 2F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9e  Obj: Weld a T joint that passes visual inspection in the 2F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9e  Obj: Weld a T joint that passes visual inspection in the 2F position   * Mild steel 2x4” * 7018 1/8” electrodes | TEKS: 130.26.9e  Obj: Weld a T joint that passes visual inspection in the 2F position   * Mild steel 2x4” * 7018 1/8” electrodes |
| Principles of AFNR | TEKS: 130.2.c2a-d,  Obj: Develop and understanding of the degrees, awards, and scholarships offered through Texas FFA   * Vocab * Goal Setting Project | TEKS: 130.2.c2a-d,  Obj: Develop and understanding of the degrees, awards, and scholarships offered through Texas FFA   * Vocab * Goal Setting Project | TEKS: 130.2.c2a-d,  Obj: Develop and understanding of the degrees, awards, and scholarships offered through Texas FFA   * Vocab * Goal Setting Project | TEKS: 130.2.c2a-d,  Obj: Develop and understanding of the degrees, awards, and scholarships offered through Texas FFA   * Vocab * Goal Setting Project | TEKS: 130.2.c2a-d,  Obj: Develop and understanding of the degrees, awards, and scholarships offered through Texas FFA   * Vocab * Goal Setting Project |
| Livestock Production | TEKS: 130.7.c6a-e  Obj: label the basic parts of a cows reproductive tract   * Bovine Reproductive assignment | TEKS: 130.7.c6a-e  Obj: label the basic parts of a cows reproductive tract   * Bovine Reproductive assignment | TEKS: 130.7.c6a-e  Obj: label the basic parts of a cows reproductive tract   * Bovine Reproductive assignment | TEKS: 130.7.c6a-e  Obj: label the basic parts of a sow’s reproductive tract   * Swine Reproductive assignment | TEKS: 130.7.c6a-e  Obj: label the basic parts of a sow’s reproductive tract   * Swine Reproductive assignment |
| Advanced Animal Science | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * AI Techniques * Poulrty Repro Handout | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * Repro poster * Poulrty Repro Handout | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * ICEV Assessments 1-5 | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * ICEV Assessments 1-5 | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * ICEV Assessments 1-5 |

**Mr. Borden’s Agricultural Science Lesson Plans**

**4th Six Weeks**

**Week 6**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Class | Monday | Tuesday | Wednesday | Thursday | Friday |
| AG Power and Fabrication | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects | TEKS: 130.28.c3b  Obj: become efficient using tools to design and fabricate ag equipment   * Trailer restoration/fabrication * Community projects |
| AG Mechanics | TEKS: 130.26.9e  Obj: Learn how to efficiently weld plate using the GMAW process   * GMAW * Pad of Beads | TEKS: 130.26.9e  Obj: Learn how to efficiently weld plate using the GMAW process   * GMAW * Pad of Beads | TEKS: 130.26.9e  Obj: Learn how to efficiently weld plate using the GMAW process   * GMAW * Pad of Beads | TEKS: 130.26.9e  Obj: Learn how to efficiently weld plate using the GMAW process   * GMAW * Pad of Beads | TEKS: 130.26.9e  Obj: Learn how to efficiently weld plate using the GMAW process   * GMAW * Pad of Beads |
| Principles of AFNR | TEKS: 130.2.c5a-c,  Obj: To explore career opportunities in the animals systems sector of Agriculture   * Career Ranking Activity * Educational Career Path Project | TEKS: 130.2.c5a-c  Obj: To explore career opportunities in the animals systems sector of Agriculture   * Career Ranking Activity * Educational Career Path Project | TEKS: 130.2.c5a-c  Obj: To explore career opportunities in the animals systems sector of Agriculture   * Career Ranking Activity * Educational Career Path Project | TEKS: 130.2.c5a-c  Obj: To explore career opportunities in the animals systems sector of Agriculture   * Career Ranking Activity * Educational Career Path Project | TEKS: 130.2.c5a-c  Obj: To explore career opportunities in the animals systems sector of Agriculture   * Career Ranking Activity * Educational Career Path Project |
| Livestock Production | TEKS: 130.7.c6a-e  Obj: label the basic parts of a sow’s reproductive tract   * Swine Reproductive assignment | TEKS: 130.7.c6a-e  Obj: label the basic parts of a doe’s reproductive tract   * Sheep/goat Reproductive assignment | TEKS: 130.7.c6a-e  Obj: label the basic parts of a doe’s reproductive tract   * Sheep/goat Reproductive assignment | TEKS: 130.7.c6a-e  Obj: label the basic parts of a doe’s reproductive tract   * Sheep/goat Reproductive assignment | TEKS: 130.7.c6a-e  Obj: label the basic parts of a doe’s reproductive tract   * Sheep/goat Reproductive assignment |
| Advanced Animal Science | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * ICEV Assessments 1-5 | TEKS: 130.10.c7 a-d  Obj: To Label and describe the purpose of the different parts of different species reproductive tracts   * ICEV Assessments 1-5 | TEKS: 130.10.c7 a-d  Obj: to describe the fertilization process in detail for each livestock species   * ICEV Video * Repro notes handout | TEKS: 130.10.c7 a-d  Obj: to describe the fertilization process in detail for each livestock species   * ICEV Video * Repro notes handout | TEKS: 130.10.c7 a-d  Obj: to describe the fertilization process in detail for each livestock species   * ICEV Video * Repro notes handout |