



<b>Task Number</b>	1	<b>Task Name</b>	Beef Cattle Production
<b>Course</b>	Agriculture stage 5	<b>Faculty</b>	TAS
<b>Teacher</b>	Tim Wassell	<b>Head Teacher</b>	L Godden
<b>Issue date</b>	Monday 3/03/2025	<b>Due date</b>	Monday 31/03/2025
<b>Focus (Topic)</b>	Beef Cattle Production	<b>Task Weighting</b>	25%

**Outcomes**

**A student:**

AG5-9: evaluates management practices in terms of profitability, technology, sustainability, social issues and ethics.  
 AG5-11: designs, undertakes, analyses and evaluates experiments and investigates problems in agricultural contexts.  
 AG5-12: collects and analyses agricultural data and communicates results using a range of technologies.

**Task description**

The grid over the page contains a choice of activities that are related to the activities and learning you have been doing in class about Cattle Production.

- Each activity is worth 5 points. You must complete enough activities to add up to **20 points**.
- You must do 1 activity from each group – remember, understand, evaluate, create.
- When you have chosen an activity that you would like to complete, read the marking criteria that goes with the activity. The marking criteria will give you more information about what you need to do.
- You must include a bibliography of the sources of information you used to complete your assignment. The bibliography is worth 5 points. See the section on writing a bibliography for more information.
- Your work will be completed as a google doc and submitted during class on the due date into google classroom.
- You will have 4 lessons in class to work on the assessment task.

**Writing a Bibliography**

A bibliography is a list of resources you have used in your research. Use the following format and examples to construct your bibliography.

For **websites**: Title of web page, internet address, date accessed.

Energy Resources Facts, <http://energyresources.usgs.gov/learn/facts.php> Last accessed 20/06/2011

For **books**: Author (date published). Name of book. Publisher

Evans, G. (1987). Salamon's Artificial Insemination of Sheep and Goats. Butterworths: Victoria.

**COMPLETION OF STAGE 5 ASSESSMENT TASKS:**

- Information on assessment procedures and misadventure and/or illness can be found in the Assessment Booklet and are to be always adhered to. Please refer to the appropriate year booklet for further information.
- Tasks submitted on a set date ("hand-in" tasks) must always be submitted during the lesson.
- Failure by a student to submit the assessment task, at the time and date set for submission, will result in a **50% penalty of the total marks** gained by the student for that task.
- Failure to submit the task within **1 week** of the date due will incur a **zero** mark for the task.
- **For Year 10 Students** a ROSA warning letter will be issued to the student if the student fails to submit the task on the due date.

# Choice of Activities

<b>A. Remember</b>			
<p>1. Construct a <b>find a word</b> to introduce the important vocabulary for the beef unit. Include 15-20 words to find.</p> <p><b>5 points</b></p>	<p>2. Construct a <b>poster</b> for one breed of beef cattle. Your poster should include name of breed, main use, general description, ONE image and one interesting fact.</p> <p><b>5 points</b></p>	<p>3. Write an <b>explanation</b> that you could give to a year 6 student to help them understand why beef production is important to Australian agriculture.</p> <p><b>5 points</b></p>	<p>4. Construct a <b>table</b> to compare the different ways to sell beef.</p> <p><b>5 points</b></p>
<b>B. Understand</b>			
<p>5. Make an <b>alpha box</b> that could be used to introduce important vocabulary in the beef production unit. Your alpha-box must have a word for each letter of the alphabet.</p> <p><b>5 points</b></p>	<p>6. Construct a poster that contains an <b>acrostic poem</b> using the words BEEF PRODUCTION. Your poem should contain words or phrases that describe beef production.</p> <p><b>5 points</b></p>	<p>7. Create a <b>timeline</b> of the most important changes in beef production in Australia.</p> <p><b>5 points</b></p>	<p>8. Create a <b>crossword</b> using terms related to cattle health, pests and diseases. Include at least 15 clues.</p> <p><b>5 points</b></p>
<b>C. Apply</b>			
<p>9. Create a resource such an <b>infographic</b> that could be used with year 7 students, to explain the various husbandry practices.</p> <p><b>5 points</b></p>	<p>10. Create a <b>model</b> (either 2-D or 3-D) of the cattle digestive system. The model should include: all structures in the digestive system, labels for each structure, a brief description of the function.</p> <p><b>5 points</b></p>	<p>11. Design your own <b>Quiz</b> that could be used to summarise beef production. Your quiz must include at least 20 questions and an image for each question. Include your answers.</p> <p><b>5 points</b></p>	<p>12. Construct a <b>table</b> to describe the difference between monogastric digestion and ruminant digestion. Include: a description of both, the organs in the system, the function of the organs, an image, and important information.</p> <p><b>5 points</b></p>
<b>D. Create</b>			
<p>13. You are a worker on a beef cattle farm. Write a <b>diary</b> about working on the farm for a week. What tasks would you have to perform? Were there any problems that you encountered? How did you resolve these issues?</p> <p><b>5 points</b></p>	<p>14. Create a <b>marketing campaign</b> for a beef product. This could be a packaging design, an ad for a new beef product, or promoting beef products in general.</p> <p><b>5 points</b></p>	<p>15. Construct a <b>story book</b> that outline the life of a cow (male or female) used for beef production. Include cattle husbandry operations, nutrition and health and breeding. Include images to help with your story.</p> <p><b>5 points</b></p>	<p>16. Create an information <b>pamphlet</b> for the local shows that describes the raising of beef cattle at Richmond River High Campus.</p> <p><b>5 points</b></p>

## Marking Criteria – Name:

### 1. Find a word.

Criteria	Max Mark	Your Mark
Has constructed a find-a-word	5	
Contains 15-20 words that are appropriate to beef production		
Has an appropriate title		
Layout is effective and neat		

### 2. Poster

Criteria	Max Mark	Your Mark
Poster contains an image of the chosen breed and includes the name of the breed, its main use, general description and one interesting fact	5	
Layout is effective, neat and concise		
Contains features which catches the viewers' attention such as headings, colour and shapes		

### 3. Explanation

Criteria	Max Mark	Your Mark
Explanation shows a thorough understanding of the importance of beef production to Australian agriculture. Includes data to back up points	5	
Writing is clear and concise and in students' own words		
Contains clear paragraphs and language appropriate to the target audience		

### 4. Table

Criteria	Max Mark	Your Mark
Table has an appropriate title	5	
Table includes the main ways to sell beef cattle – auction, over the hook, sale yards, contract		
Table includes the description of each method		
Information presented is accurate		

### 5. Alpha box

Criteria	Max Mark	Your Mark
Appropriate title included	5	
Has constructed an alpha box		
Words included are appropriate for beef production		
The alpha box contains a word for each letter of the alphabet that is appropriate and shows an understanding of the topic		
Layout is clear and neat		

### 6. Poem

Criteria	Max Mark	Your Mark
Constructs a poster that contains an acrostic poem using the words BEEF PRODUCTION	5	
Uses terms and phrases related to beef production.		
Layout draws the attention of the reader. Poster includes appropriate use of colour and images		

### 7. Timeline

Criteria	Max Mark	Your Mark
Creates a timeline list that shows how beef production has changed in Australia over time	5	
Timeline includes dates for each change		
Information is correct with minimal spelling and grammar errors		
Layout is neat and legible		

### 8. Crossword

Criteria	Max Mark	Your Mark
Crossword is original and is appropriate for use in the classroom.	5	
Contains at least 15 clues that are related to beef cattle health, diseases and pests.		
Layout is neat		
No spelling or grammatical errors		

### 9. Infographic

Criteria	Max Mark	Your Mark
Resource shows a thorough understanding of beef cattle husbandry practices including drenching, vaccinating, dipping, dehorning, castrating etc	5	
Information is student's own work, is presented using infographic		
Includes diagrams or video which supports information.		
Uses a range of techniques to engage the viewer, including colour, shapes and font selection		
Resource is created with the target audience catered to.		
Minimal spelling and grammatical errors.		

### 10. Model

Criteria	Max Mark	Your Mark
Model includes all organs of the ruminant digestive system	5	
Organs are labelled and description given is correct		
Organs are in the correct order		
Layout is clear and well designed		
Includes an appropriate heading		

### 11. Quiz

Criteria	Max Mark	Your Mark
Quiz has an appropriate title	5	
Quiz has 20 questions that are appropriate for the topic and each question has the correct answer		
Each question features an image that explains or assists the question		
Answers are included		

### 12. Table

Criteria	Max Mark	Your Mark
Information is presented as a table	5	
Table has an appropriate title		
Column headers have appropriate titles		
Row headers have appropriate titles		
Information is accurate, concise and students' own words. Demonstrates a thorough understanding of the differences between monogastric and ruminant digestion		
Diagrams that support information are included		

### 13. Diary

Criteria	Max Mark	Your Mark
Task is written in first person as a diary entry	5	
Includes a weeks' worth of entries		
Entries are relevant to working on a beef cattle farm		
Includes daily tasks		
Includes at least one problem that may be encountered on a beef cattle farm and an appropriate resolution		
Task includes images and diagrams of jobs completed		
Task is creative and grabs the reader's attention		
Layout of the task is effective and has minimal spelling and grammatical mistakes		

#### 14. Marketing

Criteria	Max Mark	Your Mark
Uses colour, shapes and font to grab viewers' attention	5	
Includes relevant information about the product, including nutritional value		
Uses diagrams and images to support campaign		
Includes more than one marketing strategy. Strategies could include posters, pamphlets, packaging, recipe cards, jingles and newspaper ads. These strategies are well laid out, catchy for the audience, and share similar features to show a connection between them.		

#### 15. Story Book

Criteria	Max Mark	Your Mark
Task is presented as a story book	5	
Has an appropriate and memorable title		
The story book shows a thorough understanding of beef production and includes information about husbandry practices, nutrition, health and breeding		
The story is creative and original, and information provided is in students own words		
Uses images to support the explanations in the story		
The book reaches its target audience of 10-year-olds		
The layout is effective and catches the reader's attention		

#### 16. Pamphlet

Criteria	Max Mark	Your Mark
Task is presented as an information pamphlet	5	
Pamphlet has an appropriate title		
Includes information about the cattle at the school, including breed, ages and purposes		
Includes information about health and nutrition of the beef cattle, handling procedures and how they are used at school		
Includes pictures that support the information		
Pamphlet is well laid out, minimal spelling and grammatical errors, and all in the students' own words		

#### Bibliography

Criteria	Max Mark	Your Mark
A list of resources you have used in your research using the following format and examples to construct your bibliography. For websites: Title of web page, internet address, date accessed. Energy Resources Facts, <a href="http://energyresources.usgs.gov/learn/facts.php">http://energyresources.usgs.gov/learn/facts.php</a> Last accessed 20/06/2011	5	

For books: Author (date published). Name of book. Publisher		
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**Total Mark**

Criteria	Max Mark	Your Mark
Total Mark	25	

Teacher Comments: