



National Certificate of Educational Achievement
TAUMATA MĀTAURANGA Ā-MOTU KUA TĀEA

2009

Internal Assessment Resource

Subject Reference: **Latin 1.5**

Internal assessment resource reference number:
Latin/1/5_G2

Medical Latin

Supports internal assessment for:

Achievement Standard: 90118 v3

Describe the contribution of the Romans to one aspect of western civilisation

Credits: 2

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**Ministry of Education
quality assurance status**

For use in internal assessment
from 2009

Teacher Guidelines:

The following guidelines are supplied to enable teachers to carry out valid and consistent assessment using this internal assessment resource.

Context/setting:

For this assessment activity the student undertakes research in order to write a brief description of the contribution to modern medical knowledge made by Galen, who as a Greek physician worked in Rome and wrote down his knowledge in Latin.

The student researches the original meaning of Latin names of bones of the human skeleton, the full Latin for abbreviated Latin used in medical prescriptions and the derivation from Latin of some English medical words. The student explains what the meaning of all of these is to modern doctors and pharmacists.

The student then uses this information to write an article for a youth magazine, making reasoned judgements about some aspects of the Roman contribution to modern medical terminology.

Conditions:

This is an individual assignment.

There are **TWO** tasks and students need to complete **BOTH** of them.

It is suggested that students complete this activity over a period of two weeks, after aspects of Roman medicine have been studied in class.

Resource requirements:

Listed in the Student Instructions section.

Additional information:

None

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Subject Reference: **Latin 1.5**

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Medical Latin

Supports internal assessment for:

Achievement Standard 90118 v3

Describe the contribution of the Romans to one aspect of western civilisation

Credits: 2

Student Instructions Sheet

You are required to describe the contribution of the Romans to **ONE** aspect of western civilization. The aspect that you will explore is Medical Practice.

There are **TWO** tasks and you must complete **BOTH** of them.

You will be assessed on how well you

- describe and explain the contribution of the Romans to one aspect of western civilisation

Conditions:

This is an individual assignment.

Your teacher will give you instructions about how much time will be given for this activity, where it is to be done and when it should be handed in.

Resources:

Class materials as well as references to dictionary, library and Internet resources suggested by the teacher.

TASK INSTRUCTIONS:

Task 1

1. **Describe** in a summary of approximately 100 words the contribution of 'Galen', the Greek physician who worked in Rome in the 2nd century AD, to the development of medical knowledge.
2. **Describe** the following Latin names for bones in the human skeleton by providing their original Latin meaning in English, then **explain** the bone's modern meaning to doctors. Use the given chart.
An example with answer in italics has been provided, (which may not form part of your answer).

Latin name for a bone	English word for the original meaning	Explanation of the meaning to doctors
<i>e.g. clavícula</i>	<i>little bolt</i>	<i>the collar bone</i>
fibula		
humerus		
patella		
pelvis		
radius		
tibia		

3. **Describe** the meaning of the following abbreviations used in medical prescriptions by writing the full Latin words which they represent, then **explain** what their modern meaning is to doctors and pharmacists. Use the given chart.
An example with answer in italics has been provided, (which may not form part of your answer).

Abbreviated Latin	Full Latin word	Explanation of the meaning to doctors and pharmacists
<i>e.g. \mathcal{R}</i>	<i>recipe</i>	<i>A command from the doctor to the pharmacist to 'take' or assemble certain ingredients, ready to prepare a medicine.</i>
m.		
t.i.d.		
sig.		

gutt.		
a.c.		
c. aq.		

4. **Describe** the following English medical words by writing down their derivation from Latin, then explain what their modern meaning is to doctors. Use the given chart.

An example with answer in italics has been provided, (which may not form part of your answer).

English medical word	Latin derivation	Explanation of the meaning to doctors
<i>e.g. casualty</i>	<i>casus = chance, fall</i>	<i>(A patient who has suffered) a serious accident</i>
doctor		
fracture		
hospital		
injection		
patient		
vaccinate		

N.B. For achievement with Merit in Task 1, your descriptions in sections 2, 3 and 4 must have supporting detail **to explain** the modern meaning of the relevant words/abbreviations.

Task 2

Using the information you have provided in Task 1 write an article for a youth magazine, evaluating the Roman contribution to some aspects of modern medicine. You must address at least three areas and, for each area, make at least one valid reasoned judgement supported by evidence.

- This is the task which allows you to show evidence of Excellence.
- You should write about 500 words for this task.

To assist in checking authenticity, you must conclude this activity with a bibliography of the library, internet or other resources which you have consulted.

Assessment Schedule: Latin/1/5_G2 - Medical Latin

Task	Judgements for Achievement	Judgements for Achievement with Merit	Judgements for Achievement with Excellence
<p>Task 1</p>	<p>1. The student describes in a summary the contribution of the physician ‘Galen’ to the development of medical knowledge.</p> <p>Example* of an extract from a student summary of the contribution of the physician ‘Vesalius’:</p> <p>‘Until the 16th century AD doctors were entirely dependent on the medical works of Galen. However in 1543 Andreas Vesalius published his ‘De Humani Corporis Fabrica’, a detailed description of the human body, and how it functions.’</p> <p>The student provides by completing the given charts, as set out in the student instructions:</p> <p>2. the original meaning in English of at least four of the bones in the human skeleton, 3. the full Latin words for at least four of the abbreviations used in medical prescriptions. 4. the derivation from Latin of at least four of the given English medical words.</p>	<p>As for Achievement, except that five examples for each of sections 2, 3 and 4 are correctly provided, plus</p> <p>The student explains the meaning to doctors/pharmacists of these bone names, Latin abbreviations and English medical words, using the given charts, as set out in the student instructions.</p>	

* As an example, an aspect which is not part of the assignment has been given as a means of demonstrating the standard of response required.

Task 2			<p><u>Evidence towards Merit shown in Task 1 plus</u> The student explains comprehensively the Roman contribution to some aspects of modern medicine At least three areas are addressed and at least one reasoned judgement is made and supported by evidence for each area.</p> <p>Example* of an extract from a student response making a reasoned judgement on the effect(s) of the Roman contribution to the symbols of the government of the United States:</p> <p>‘It was evidently important to the founders of the United States to convey a sense of might and united rule such as those conveyed by the ancient Romans. However they did not want to include the ruthlessness of Rome. Thus they adopted the symbol of the eagle, a powerful bird who soars to great heights, but not the fasces (a bundle of sticks surrounding an axe), representing unity but death to those not abiding by it. The United States modified the symbol of the eagle, by having it hold a sheaf of wheat (representing prosperity) in one claw and a palm (representing peace) in the other.’</p> <p>The student continues by evaluating some further effects of the Roman contribution.</p>
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* As an example, an aspect which is not part of the assignment has been given as a means of demonstrating the standard of response required.