

Student - Telescopes - Feedback Form

Remember that the following apply to levels of understanding.

EXEM - I understand this so well that I could teach it to someone else and/or I can **apply** it to different situations.

PROF - I can show you that I know what this means. I can work on activities using this concept independently or with just a little bit of help. **Explain**.

ADEQ - I almost have it - with a little bit of practice and guidance I could show you what it means. **Define** basic terms.

LIM - I am trying but I still need help to understand what to do and I will need to practice more.

Based on the evidence presented on this assessment, the following feedback has been provided. Should you require clarification, or wish to demonstrate additional understanding, be sure that you make arrangements to re-learn and re-assess with Mrs. Arsenault.

Specific Learning Outcome Steps	Exem	Prof	Adeq	Additional Comments
Draw and define the parts of a basic optical telescope.				
Calculate magnification of an optical telescope				
Explain the differences between a refracting, reflecting and combination telescope				
Describe advantages and disadvantages of each type of optical telescope				
Define Adaptive Optics and explain why it is needed				
Distinguish between magnification and resolving power				
Interpret how wavelength is related to frequency/energy in the electromagnetic spectrum				
Explain, in basic terms, how a radio telescope works				
State the advantages and disadvantages of gathering information using radio telescopes				
Explain how interferometry works to improve observation of space				
Describe why space telescopes can give us more information about space than land-based telescopes				

Overall Outcome:

Describe different kinds of telescopes and explain how each helps shape our understanding of space.

Based on the evidence provided on this assessment, your understanding of this overall outcome has been determined to be:

ADEQ

PROF

EXEM

To review and reassess at an improved level, please make an appointment with Mrs. Arsenault.