- Starting a new topic assign a reading homework
- Keep language simple to begin with and then increase complexity
- Lots of images/demonstrations/activities/videos
- Everyone should have a bilingual/language dictionary
- Everyone should compile a glossary

Language of Learning

- The vocabulary of the topic: nouns, adjectives, verbs.

Language for Learning

- Working together, discussing, questioning, writing, reporting.

Language through Learning

- Analysing, concluding, arguing an opinion.

Vocabulary

- https://myvocabulary.com/word-game-puzzles/science-chemistry-physics-geology-vocabulary/interactive-puzzles/

- http://worksheets.theteacherscorner.net/make-your-own/word-search/

- http://worksheets.theteacherscorner.net/make-your-own/crossword/52881/biology/

Visuals/Demonstrations

- http://www.youtube.com/watch?v=m55kgyApYrY

- http://www.youtube.com/watch?v=m55kgyApYrY

- http://www.youtube.com/watch?v=bhofN1xX6u0

- https://phet.colorado.edu/sims/projectile-motion/projectile-motion_en.html

- http://www.youtube.com/watch?v=ve6XGKZxYxA

Diagrams

- http://generalhorticulture.tamu.edu/h202/labs/lab2/FLOWER.GIF

- http://www.ayalainternational.com/images/digestive.JPG

- http://www.exampaper.com.sg/blog/wp-content/uploads/2010/10/physics-general-wave-properties.gif

Graphs

- http://www.richtherrn.com/physics/motion2.htm.doc3.jpg

- http://www.sengpielaudio.com/DistanceLawE-Siart.gif

- http://physics.randolphcollege.edu/Class_Archive/p332sp07/Labs/blackbody/Image2.gif

A man and his children are travelling in a boat down a river. It takes three hours for the them to travel a total distance of twelve kilometers. Find the average speed of their journey.

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- three hours ➡ time = 3 hr ➡ t = 3 h
- distance of twelve kilometers ➡
  distance = 12 km ➡ s = 12 km
- average speed = ? ➡ v= ?

- Choose equation

- $v = \dfrac{s}{t}$

- Substitute values and calculate

$v = \dfrac{12h}{3km} = 4 \text{ km/h}$

- State and underline final answer
  $\underline{v = 4 \text{ km/h}}$

Assessment

End of unit testing covering

- Recall
- Vocabulary
- Application – analysis, problem solving

- [Physics Revision Sheets (1).pdf](Physics%20Revision%20Sheets%20(1).pdf)
- [Student Manual (1).pdf](Student%20Manual%20(1).pdf)
- [..\Downloads\CLIL Physics lessons on phase transitions.pdf](..\Downloads\CLIL%20Physics%20lessons%20on%20phase%20transitions.pdf)
- http://www.algodoo.com/
  Demo
  https://www.youtube.com/watch?v=0H5g9VS0ENM
- http://www.ck12.org/student/