

The Question is the Answer?

Alternative to Drumming in Definitions

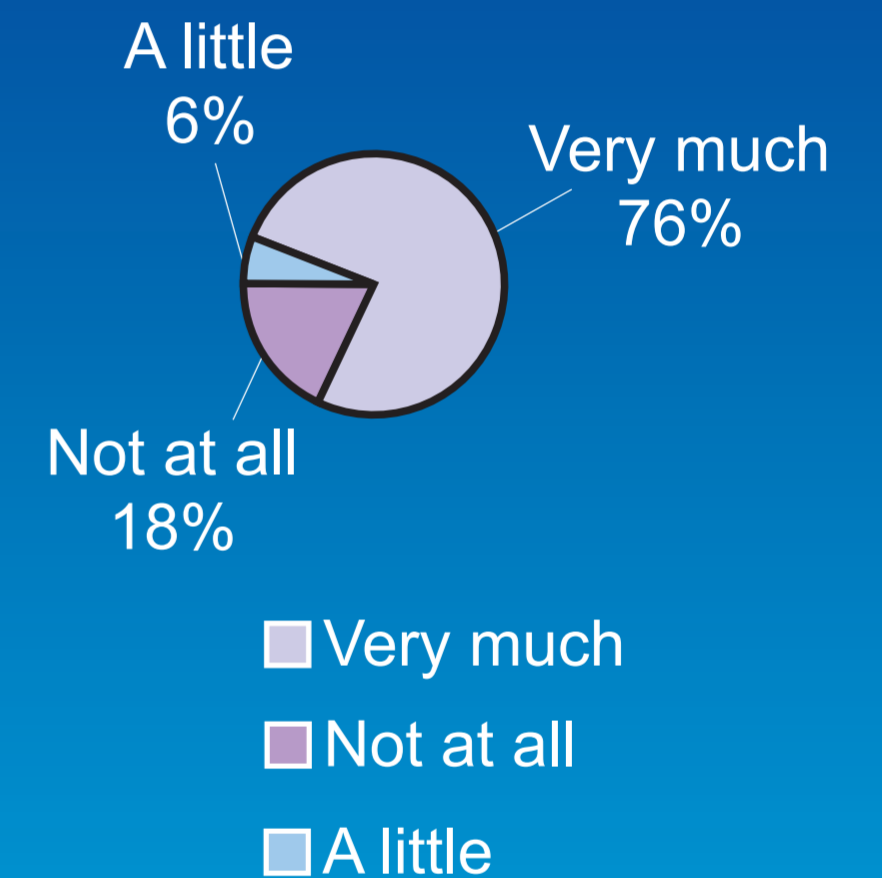
What I did:

- List 10 key words
- Students wrote questions
- Test using students questions
- Retest understanding using exam questions
- Survey Students



Chlorophyll.	(i) What is the name of the green substance that absorbs sunlight and is used in photosynthesis?
Chloroplast.	(ii) What is the name for a cell organelle in plant cells that contains chlorophyll?
Mesophyll.	(iii) What is another name for the layer of a leaf?
Autotrophic.	(iv) Give a name for something that makes food for itself?
Producer.	(v) What is the name of an organism that makes its own food using sunlight?
ATP.	(vi) What is the chemical called, made in respiration, which is the immediate source of energy in cells?
Stomata.	(vii) What is the name for the little holes at the bottom of a leaf?
Co-enzyme.	(viii) What removes H atoms from various substrates in the Krebs cycle?
Granum.	(ix) Where does the light-phase take place in photosynthesis?
Photosynthesis	(x) What is the name of the process in which carbon dioxide and water is converted to glucose and oxygen?

Student opinion - did using questions help you learn definitions?



Conclusion

- Students retain definitions
- Looking up information they felt they had a better understanding
- This was evident on exam questions