

## Crazy in love

Class: Middle school/high school

Level: Upper-intermediate.

Time : 45 minutes

Aims:

- To learn about love as an emotion
- To learn about reactions in our body
- To learn about hormones in our body
- To define love
- To learn about neurological changes in our brains
- To look for specific information on the internet
- To read for specific information
- To transfer the information.
- To use web pages

CLIL: chemistry, biology

Materials : included photocopies, access to the internet and personal computer, speakers.

STAGE	AIMS	PROCEDURE	CLASSROOM LANGUAGE	TIME	MATERIALS
Introduction	To start the lesson	Check the register /check homework		1 min/ 6 min	
Warm –up activity	To provide students with introduction to the topic	Ask the students what types of love they know. Can they write a definition of love?	What is love ? Can you write a short definition of love?	5 min	Worksheet 1
The main part of the lesson	To read for specific information. To understand the popular scientific text.	Ask the students to work individually and read the text very carefully.  Explain any unknown vocabulary.  Allow time to answer the questions.  Check the answers as a class.	Read the article on Worksheet 2 and answer the following questions:  What are the important discoveries made by the scientists through scanning the "brain in love" ? How can the saying "Love is blind?" be explained in a neurological level? What is the purpose of suspending any judgment when we are in love? Why are we happy when we are in love ? Explain the role of dopamine, serotonin and adrenaline when we are in love.	20 min	Worksheet 1  Worksheet 2  Internet
Wrap- up	To listen and look for	Ask the students to listen to the song, read the lyrics and find the information	Listen to the song "Crazy in love" by Beyonce and look at the excerpt of the lyrics:	10 min	

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	informatio n	confirming what they have learnt from the article.	<a href="http://www.youtube.com/watch?v=ViwtNLUqkMY">http://www.youtube.com/watch?v=ViwtNLUqkMY</a> , knowing what you have just read can you explain the emotions she is singing about?		
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Sources:

<http://www.youtube.com/watch?v=ViwtNLUqkMY>

<http://www.dailymail.co.uk/health/article-2230969/Crazy-love-What-happens-brain-really-chemistry.html>