

Escola Secundária João Gonçalves Zarco Portugal

MODULE 3 DIFFUSION CHANNELS DU 3 – RELIABLE SOURCES OF INFORMATION

Title (DU title)	DU 3 – RELIABLE SOURCES OF INFORMATION
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Discipline/s involved	Physics & Chemistry, Portuguese and English
Index of contents	 New Psychoactive Substances (NPS) spread through user populations and became popular in the past decade; This module presents the diffusion of NPS in the frame of Rogers' 1962 diffusion of innovations theory (DOI) to help better understand the spread of NPS;
Learning objectives	 The aim of the module is to provide a learning context to gain knowledge in order to make an informed decision regarding NPS consumption. This module aim to describe the phenomena of pharmaco-toxicokinetic and contextualize the

	 pharmacological and toxicological consequences related to the absorption, distribution, metabolism excretion and transport (ADMET) of xenobiotics (drugs and toxic compounds). The students will contact with movies showing the ADMET processes as well as research data that will allow them to interpret the risks associated with xenobiotic exposure related to their disposition in the organism
Times, materials, and spaces (physical/virtual)	 Meetings with students Emails Classrooms Google Meets Zarco Auditorium Laptops INES Moodle Platform
Teaching strategies	 Information from INES Moodle Platform (Comprehension) Brainstorming Roleplays Mindmaps

	 Face-to-face Collaborative Work 5 students working groups per Module of their choice. Teamwork
Mediation tools	 Mindmaps Blended Learning Process Collaborative Teaching Debates Feedback exchange Group discussion Project-Based Learning Learning videos Mentoring, Coaching and Counselling Peer to peer discussion Work in Teams
Activity involving students in the process of co-construction of the content/activity	 The students started out by doing the Formative Test and participate in the Forum The students read all the information and watched the videos contained in Module 3 They wrote the Mind map based on the information read

 They created a KAHOOT with 5 questions based on
DU3 from Module 3

Part II		
Describe the Teaching-learning sequence	Lesson 1 (50 min)	
	Teaching-learning sequence (micro-planning)	
	20 minTopic overview with MINDMAP	
	10 min Checking digitally with KAHOOT feedback	
	15 min Debate	
	5 min. – Remarks, assessment and conclusion	

Part III

Teaching-learning Materials

MIND MAP

<u>file:///C:/Users/HP/Desktop/WORK%20DONE/MODULE%203%20Mindmap-%20diffusion%20channels.pdf</u>

KAHOOT & GOOGLE FORM

https://play.kahoot.it/#/?quizId=6816ba18-cc77-4f4a-a2b5-2f50888e5177

https://docs.google.com/forms/d/1SygkXCRqa06asnt_EoSTuwMr_66kbAKI5U5kcUR D_rY/edit?ts=64229701