BLOOMING

Inclusion and Diversity in STEAM

Reflection Questions

Rapid adulteration detection of cold pressed oils with their refined versions by UV–Vis spectroscopy

Associate Professor Dr. Habil. Eng. Simona POPA

1. What led Dr. Simona POPA to pursue a career in chemical engineering?
a) An early interest in the exact sciences: mathematics, physics, chemistry
b) Participation in competitions and Olympiads
c) Encouraging high school teachers

2. What is the main result of Dr. Simona POPA's research regarding the adulteration of crude oils with their refined versions?
a) Does it make oil quality analysis faster and more accurate?
b) Does it contribute to ensuring consumer protection?
c) Demonstrate to the students the practical dimension of applied research?

3. How can research help improve your personal consumption habits?
a) Does it demonstrate the importance of purchasing a food product after a sensory analysis regarding color, taste, smell, texture, aroma, etc.?
b) Can the results lead us to change our consumption habits?
c) Following the efforts of the authorities for consumer protection and analyzing product labels?

Erasmus+

BLOOMING

Inclusion and Diversity in STEAM

Answers:

1. What led Dr. Simona POPA to pursue a career in chemical engineering?
Answer: a) An early interest in exact sciences: mathematics, physics, chemistry.

2. What is the main result of Dr. Simona POPA's research regarding the alteration of crude oils with refined ones?
Answer: a) Does it make oil quality analysis faster and more accurate?

3. How can research help improve your personal consumption habits?
Answer: a) Does it demonstrate the importance of purchasing a food product after a sensory analysis regarding color, taste, smell, texture, aroma, etc.?

Erasmus+