

Foodcomp workshop

Subject	Scanning QR codes on food products and reading the information
Duration	90 min
Students' ages	10+
Type of activities (educational, entertainment, practical, other)	First there is an introductory, theoretical part, then a practical part and finally a summary of the class and a discussion
Objectives	<ul style="list-style-type: none"> • Getting to know blockchain technology • Learning how to scan products and find relevant information • Learning how to live healthily and make informed consumer choices
Methods (presentation, discussion, film screening, brainstorming, teaching games)	<p>First stage: Presentation and theoretical part. Introduction to the topic of blockchain technology based on a presentation created for the Foodcomp project.</p> <p>Second stage: Practical part - product scanning and information retrieval.</p> <p>Third stage- Presentation of results and discussion.</p> <p>Fourth stage- Question and answer section</p>
Forms of work (individual, group, other)	<p>Individual in practical product scanning</p> <p>Group in joint discussion and presentation of the search results</p>
Materials needed	<ul style="list-style-type: none"> • Mobile phone with product scanning function and internet connection • Products with QR codes • Laptop and projector • Whiteboard and marker

Lesson scenario

Duration	Description	Materials used
1 min	<p>Welcome and introduction</p> <p>Checking the attendance list Presentation of the purpose of the lesson</p>	Lesson journal, blackboard
20 min	Lecture based on a presentation. Introduction to the topic of blockchain technology. General overview, and broad presentation of uses.	PPT presentation, computer, projector
30 min	<p>Practical part- children choose food items from a prepared basket. They are each tasked with checking the product for:</p> <p>Transparency of origin - write down notes on data including information about the producer, where it was grown, reared or produced, giving a better understanding of the quality of the product and any safety risks.</p> <p>Authenticity and quality - find information on whether the product has organic certification or quality certificates.</p> <p>Check if the product has been recalled and if there are any problems with it.</p> <p>All information should be written down and the children have a few minutes to prepare the information to present to the rest of the group.</p>	<p>Products with QR codes</p> <p>Mobile phone with product scanning function and internet connection</p>
20 min	The step of presenting the results of the search now follows. Make a table with 3 sections on the board. Students will take it in turns to present the results of their search and write what they found in the board.	Whiteboard and markers
15 min	This stage is a discussion and a question and answer section. Talk about what information you have found, what it means, how it might affect purchasing decisions or health.	-
5 min	Summary of the lesson, impressions about the work done, conclusions (discussion).	-