














Animals Including Humans:

Transporting Water And Nutrients

Aim: To describe the ways in which nutrients and water are transported within animals, including humans in the context of the human body. I can explain how water and nutrients are transported within the body.	Success Criteria: I can state how the digestive system breaks down nutrients. I can explain the role of the different parts of the circulatory system in transporting nutrients and water in the body.	Resources: Lesson Pack A3 paper Tissue Paper Coloured Card Felt Tips Coloured Pencils Crayons
	Key/New Words: Nutrients, nutrition, water, system, circulatory, digestive, skeletal, muscular, blood, blood vessels, heart, lungs, stomach, gall bladder, liver, small intestine, large intestine, pancreas, liver, kidneys, rectum, bladder.	Preparation: Digestive System Functions Activity Sheet - 1 per group Transporting Nutrients and Water Activity Sheet - 1 per group Transporting Water and Nutrients Planning Activity Sheet - 1 per child

Prior Learning: It will be helpful if children have learnt the name of the parts in the digestive system and their functions.

Learning Sequence

	Why Do We Need Nutrients? Children match the types of nutrients with the reason why we need them.	
	How Do We Get Nutrients? Show a picture of the digestive system. Place children into small mixed ability groups to recall the functions of the different parts of the digestive system using the Digestive System Functions Activity Sheet . When the sheets are completed, groups swap their sheets, and peer mark using the answers on the Lesson Presentation . Address any misconceptions or errors arising from this activity.	
	How Does It Work? Give each child a copy of the differentiated Transporting Water and Nutrients Planning Activity Sheet . Read through the information on the following 5 slides to explain the processes of the digestive and excretory systems while children take detailed notes.	
	Explanation Diagram: In ability groups children use notes from their Transporting Water and Nutrients Planning Activity Sheets to create a diagram on A3 paper explaining the transportation of water and nutrients through the body. <div>  Children given Transporting Nutrients and Water Activity Sheet to support with creating their diagram.  Children create two diagrams – one for transporting water and one for transporting nutrients.  Children create one diagram for both the transportation of nutrients and water. </div>	
	Presentation: In groups, children present their findings to the rest of the class.	

Taskit

Researchit: Children research how nutrients and water are transported in other animals.

Labelit: Children match the parts of the body and what nutrients they required using the [Where Are Nutrients Needed? Activity Sheet](#).