

LESSON PLAN

TOPIC: Kidneys and filtration		CLASS: PGCE PCET	
DATE: 30/10/18	LENGTH OF LESSON: 45 minutes	NO IN CLASS: 8	
ABILITY/SPECIAL EDUCATIONAL NEEDS:			
AIM OF LESSON			
LEARNING OBJECTIVES - The Learners Should Be Able To: Identify the functions of the kidney Label a basic diagram of a kidney Understand the concept of filtration Identify the main components of filtration i.e. glomerulus, proximal tubule, loop of Henle and the distal tubule			
PREVIOUS KNOWLEDGE: unsure I am assuming GCSE combined science level			
ANTICIPATED DIFFICULTIES: Differing level of ability within the group could lead to some talking outside of the activities			
RESOURCES/EQUIPMENT REQUIRED: powerpoint, copy of powerpoint to be used as a handout, printed diagram for labelling			
HEALTH & SAFETY: Ensure the environment is fit for purpose.			

PROFESSIONAL STANDARDS

Please note WHEN and HOW relevant professional standards occur and are met:

(Include detail of standard, not just a reference number)

Demonstrate a commitment to learners, their safety and wellbeing by ensuring the environment is both suitable and safe for the lesson. Ensuring all participants are comfortable with the lesson and if they raise any concerns they are listened to. This will also demonstrate dignity and respect. Also ensure that other learners are to be respectful and ensure they listen to their fellow learners.

CROSS-CUTTING ENHANCEMENT THEMES

Please note any cross-cutting enhancement themes are embedded in the lesson and
WHEN and HOW they are met:

After the slide on when things go wrong with the kidneys I asked the group to discuss how inequality could lead to such problems. What ways are we able to ensure there is equality in health.

LESSON DETAIL:

STAGE	FOCUS	STRATEGY	TIME
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INTRODUCTION	Discuss aims	Show slides and talk	14.05
DEVELOPMENT	Kidney structure And function	Show slides and talk Use kidney diagram to ensure it is absorbed	14.10
		Label a diagram	14.20
	Nephron and filtration	Show slides and explain key elements of the nephron	14.25
		Hand out diagram of nephron and discuss how filtration works	14.30
PLENARY/ CONCLUSION		Group activity	14.40

ASSESSMENT STRATEGIES USED (**WHEN** and **HOW**):

Labelling a diagram
 Group activity
 discussion

INFORMAL LESSON EVALUATION:

(This section should be completed straight after the lesson)