



LESSON PLAN

TOPIC: 5G ROLL-OUT		CLASS: PCET	
DATE:	LENGTH OF LESSON: 1/2 HR	NO IN CLASS: 10ish	
ABILITY/SPECIAL EDUCATIONAL NEEDS: VRA			
AIM OF LESSON BE ABLE TO TO UNDERSTAND AND COMMUNICATE ABOUT THE "GLOBAL ROLL OUT" OF 5G.			
LEARNING OBJECTIVES - The Learners Should Be Able To: DEMONSTRATE ^{UNDERSTANDING} COMMUNICATE TO OTHERS			
10 mins per 30 mins ① 5G IN CONTEXT OF EARLIER GENERATIONS ② REGULATORY FRAMEWORK SURROUNDING 5G ③ ~~THE~~ ICNIRP AND ICNIR GUIDELINES ④ MEASUREMENT OF DEVICE RADIATION RELATIVE TO GUIDELINES. ⑤ SAFE PROTOCOLS AND CONNECTION WITH IOT + ADDITION.			
PREVIOUS KNOWLEDGE: UBIQUITOUS MOBILE PHONE USE. ASSUMED KNOWLEDGE OF "G" POSSIBLE KNOWLEDGE OF ANTI-5G LOBBY			
ANTICIPATED DIFFICULTIES: PROBLEMS UNDERSTANDING THE METER.			
RESOURCES/EQUIPMENT REQUIRED: OVERHEAD PROJECTOR COMPARATIVE SLIDES ON ICNIRP + ICIURE			
HEALTH & SAFETY: USE OF MOBILE DEVICES EMITTING RADIATION			

PROFESSIONAL STANDARDS

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

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

FINELY PLANNED

SIMPLE LEARNING GOALS (K1) USING ENDORSED
SCIENTIFIC MEASUREMENT STANDARDS (V3)
WITH A BALANCE OF APPROPRIATE TEACHING
METHODS (K2) INCLUDING VISUAL, AURAL,
KINEASTHETIC (K3).

EMERGENT TECHNOLOGY (VIDEO, RF METER)
USED APPROPRIATELY (A2 K4) AND MEASURED
AGAINST TWO DIFFERENT STANDARDS (V3).

LEARNERS HAVE OPPORTUNITY TO ASSESS
THEIR OWN ABILITY IN TASKS (V2 A4)
AND ALSO ASSESSED BY OTHERS TOO (A3)

CROSS-CUTTING ENHANCEMENT THEMES

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

INCREASING KNOWLEDGE + AWARENESS
OF DEVICES USED IN DAILY LIFE

IMPORTANCE OF KINAESTHETIC
LEARNING

LESSON DETAIL:

STAGE	FOCUS	STRATEGY	TIME
introduction	knowledge	questions	3
Exploration	P. Paint + video	narrative + deductive	12
Testing	RF meter	autonomous exploration and documentation	10
knowledge test	what is learned	conversation	5

INTRODUCTION	OUTLINE LESSON OBJECTIVES		3
DEVELOPMENT	POLL KNOWLEDGE		
	BACKGROUNDS 2G, 3G, 4G 5G	SLIDES	2
	REGULATORY FRAMEWORK PUBLIC HEALTH ENGLAND/ WALES	SLIDES	2
	IGNIRP GUIDELINES	VIDEO	4
PLENARY/ CONCLUSION	IGNIR GUIDELINES	SLIDES + COMPARATIVES	5
	HOW TO MEASURE RADIATION	Demonstrate + allow others to measure. Compare levels with both guidelines	10
	RECAP DEMONSTRATION DISCUSSION (OR QUIZ)		5
		little more detail on the slides so by and add more information on the content, possibly which slides cover which aspect of the lesson.	

ASSESSMENT STRATEGIES USED (WHEN and HOW):

- IDENTIFYING WHERE MEASUREMENTS ARE ON BOTH THE ICNIRP AND IQR SCALES, DURING LESSON.
- AGREEING (OR NOT) WITH PRECAUTIONARY PRINCIPLE, SIGNING PETITION.

INFORMAL LESSON EVALUATION:

(This section should be completed straight after the lesson)

TECH ISSUES. I CHECKED THE BATTERIES
VERY RECENTLY!

STILL ON TIME 😊

HARD TO DO STANDING AT ALL,
REDUCED CONCENTRATION.

ENJOYED IT, VIDEOS WERE
GOOD + EFFECTIVE.

PEOPLE WERE DEPRESSED.