1.1 Medical terminology

STARTER (S)	Medical	terms
What is your unde	erstanding of	medical

What is your understanding of medical terminology? Write your answers in the space below.

Medical terminology is all terms used in medicine
and all health providers use to save time and facilitate
Communication like hypoglycemia 2 low sugar in
the blood.



Discussion: Using medical terminology

In pairs, discuss when you might need to know medical terminology. Write your answers below and then discuss with the class.

1 in Emergency Cases	

2- When I visif my doctors	



Match the term



Match the medical word with its meaning:

heam- 5
lipid 4
osteo- 1

cardi- 2

- refers to the bones

 refers to the heart
- 3 refers to the joints
 - 4 refers to fats
 - 5 refers to the blood



Identify the prefix and suffix





Identify which word has a prefix and which has a suffix from the following medical words:

abnormal biology

Prefix:

ab

Suffix:

1094

1.2 Medical prefixes, suffixes and combining vowels



Everyday prefixes

Read the words below. Describe what each word means. When you are finished remove the prefix (in bold) and discuss the new meaning of the word with the class.

unfriendly

driendly i kind unfriendly i oppost meaning

disagree

agree accept meaning

A prefix changes the meaning of a word.



Practise the prefix

Your teacher will pronounce each of the prefixes listed in the textbook. As a group, repeat each one after your teacher.

Then, take turns to pronounce each prefix.

If you find it difficult to say any of the prefixes, write them in the following space so you can practise later.



Word	Meaning
Abnormal	not normal
Anaemia	absence of blood components
Carcino genic	Substances that Cause Cancers
Biolog y	study of human body
Permatolog y	Study of skin.
Arthritis	Joints inflamation
Dehydrate	dryness

1.3 Medical record reports

STARTER () Keywords

In pairs, look at the list of keywords below. What type of word is it? Is it a not adjective? We call this 'form'. Then, describe what the word means.

If you are not sure of one of the words, ask your teacher what you can do to word.

It is useful to know the meaning of these words. They will help you with this lesson

Keyword	Form	Description
allergies	<i>\(\int\)</i>	immune system reaction to food or medication
confidential	adv	secret
examination	N	Tests



Demographic information

Practise filling out the demographic information using the statement below.

Fatima was born on 15/05/2000. She was born in a hospital in the UAE. When she was born, she weighed 3.18 kg. She is complaining of headaches and sometimes feels tired. Fatima has had a bad pain in her chest for the last two days.

Maryam is 25 years old. She was born in the UAE and her parents are from the UAE. She has two sisters. Maryam regularly feels dizzy and tired. She is also very thirsty, and her vision is blurry.

Medical record report 1.

Name: Fatima Age: 19

Gender: Ethnicity: UAE

Main complaint: headache - tired bad Pain

in her chest.

Medical record report 2.

Name: Maryam Age: 25

Gender: Ethnicity: UAE

Main complaint: dizzy - tived athirsty-

Discuss the difference between the two statements, did one have better information than the other? Try to explain why.

1.3 Medical record reports

O dellowice	
Discussion: Medication and allergies	
In your own words, write what you think the words 'medico mean. Discuss your answer with the class.	ation' and a
medication any history of heal	the same
Care oir medicine	·····
Allergy: immune System reaction to any food or medicine	
is any food of medicane	
Why do you think a health professional would write this in medical record report?	formation
To be easier to find the espice	lly
un emergency sa Cases.	
To keep a record for all patient	S

to find out about allergies or health diseases



Match the words



Can you match the words with the right description?

symptoms

4

remission

diagnosis

5

chronic

inflammation

7

fracture

This is when the symptoms of an illness have disappeared.

Someone fell and broke a bone in his or her leg.

2

Your leg is red and swollen because of an injury.

3

This is a person who might be dizzy, tired and has swollen hands.

4

Your doctor has checked your symptoms and has decided what your illness is.

5

This type of disease lasts more than three months.

6

1.4 Responding to medical instruction.

Discussi	on: What's the reason?	
In pairs, o	discuss why is it useful to Make some notes below.	know the medical ter

1-1	or Emergency Cases	
2- to	understand my Co	ase if I visit.
the	doctor	
3- to	frovide information	Quickly in em
	C-8- 0	



Scenarios

Read the following sentences. What part of the body do you think each permight need help with?

I have pain in my chest and have been diagnosed with cardiovascular disease

heart

I am going to see a dermatologist today.

skin

I feel pain when I walk. I think I have arthritis.

Joints



Reacting to medical terminology

Look at the statements below. Can you work out what the statements mean? Use what you have learned so far to help you.

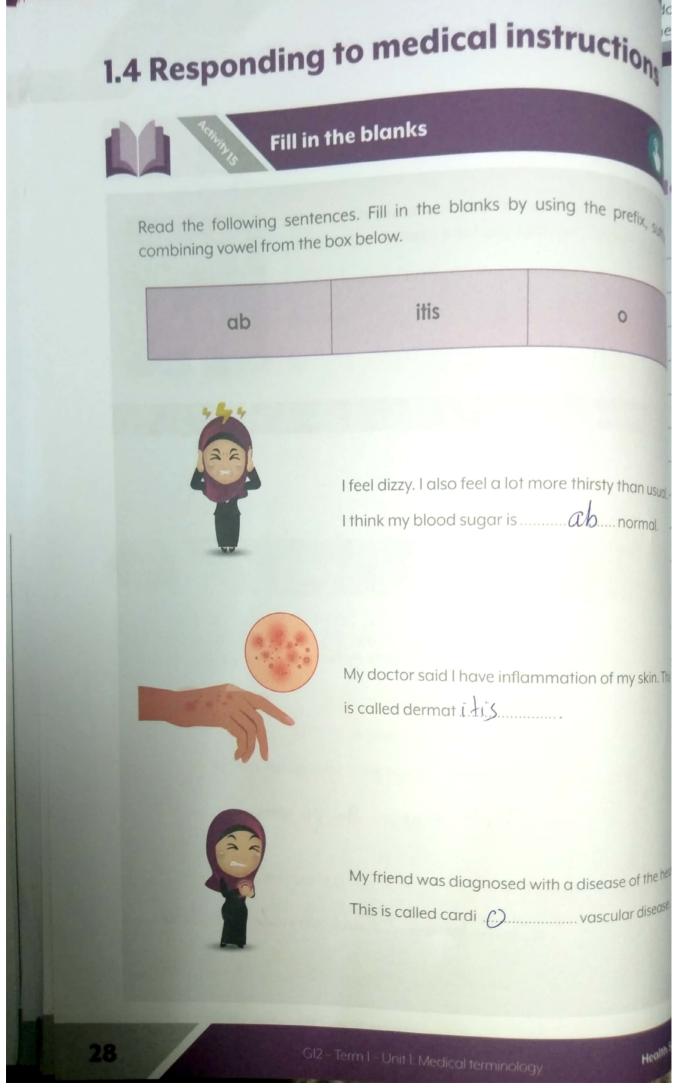




Remember

Read the suffix first, then the prefix.

I think I am hyperglycaemic.
high blood Sugar
I think I should visit my doctor. I feel like my heart rate is abnormal.
Carchiavasculav
You went to see your doctor and she asked you what your symptoms are.
Try to diagnose the problem.
I think I should visit my doctor. I feel like my heart rate is abnormal. hypertension / Cardiovascular Problem
hypertension / Carollovascusti







Spelling medical terms

positive resum

Read the following definitions. Write the medical terms in the space provided.
1. A disease of the heart
Cardiovascular
2. The study of life
biology
3. A disease of the bones
Osteoporosis
4. A skin specialist
Dermatolgis t.
5. The name of the condition when a person has high blood sugar levels
hypertension
Notes:

End of unit quiz

1. Why is it important to understand medical terminology?

1- Emergency Cases (help) 2- understand my disease

2. Match the medical terms with their meanings.

carcin- 4

cardi- 1

chem- 7

derma- 3

gastr- 5

glyc- 2

nasal- 8

thromb- 6

1	heart
2	sugar
3	skin
4	cancer
5	stomach
6	clot
7	chemical
8	nose

Which of the following should be included in a medical record report?

Circle the correct answers.

Friends' names	Home address	Likes and dislikes
Allergies	Medical complaint	Vehicle information
Date of birth	Medical test results	Age

Write the meanings of the word, suffix and prefix below.

abnormal	hyper-	-itis
1		
ab away from		
hyper: high		
itis: inflamat		

2.1 MG	odifiable and its
fa	Discussion: What causes an illness or disease? Discuss with your class the causes of illnesses and diseases. Moreothe space provided.
	prodifiable Sactors 2-sormodifiable factors
	bacteria / Paragites / lack of hygien
	Communicating with ill people.



beive

Modifiable or non-modifiable





Decide if each of the following risk factors for developing disease are modifiable or non-modifiable. Write the correct answer in the space provided.



Remember

A modifiable risk factor is a risk factor you have control over. This means you can reduce your chances of getting certain diseases.

Sedentary lifestyle

m

Smoking

M

Age

non

High cholesterol

M

Family history

non

High blood pressure

M

Type 2 diabetes

MM

Stress

M

Overweight

M

Genetics

non

Gender

non

Unhealthy diet

M

2.1 Modifiable and non-modifiable risk factors **Risk factors** Now you have identified modifiable and non-modifiable risk factors, you Now you have identified modification of modificable on the explain what they mean. Create your own definition of modificable on the explain what they mean. modifiable risk factors. Modifiable risk factor: Disease factors that can be modified and Controlled by humans like Smoking Non-modifiable risk factor: Disease factors that can't be controlled like genatic lactors Diabetes (1)

2.2 Personal health behaviours for disc prevention



Discussion: Personal health behaviours

How do personal health behaviours affect your health
1- Eating healthy food
2- cleaning myself
3- exercise daily

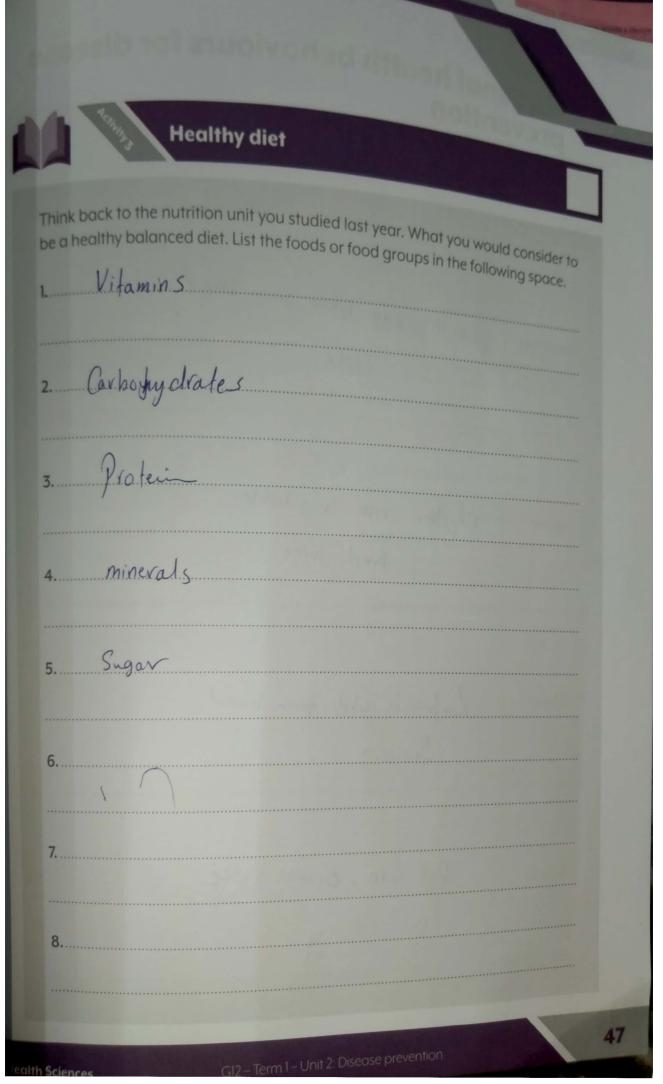
4- good quality Skep

How many different personal health behaviours can you think of?

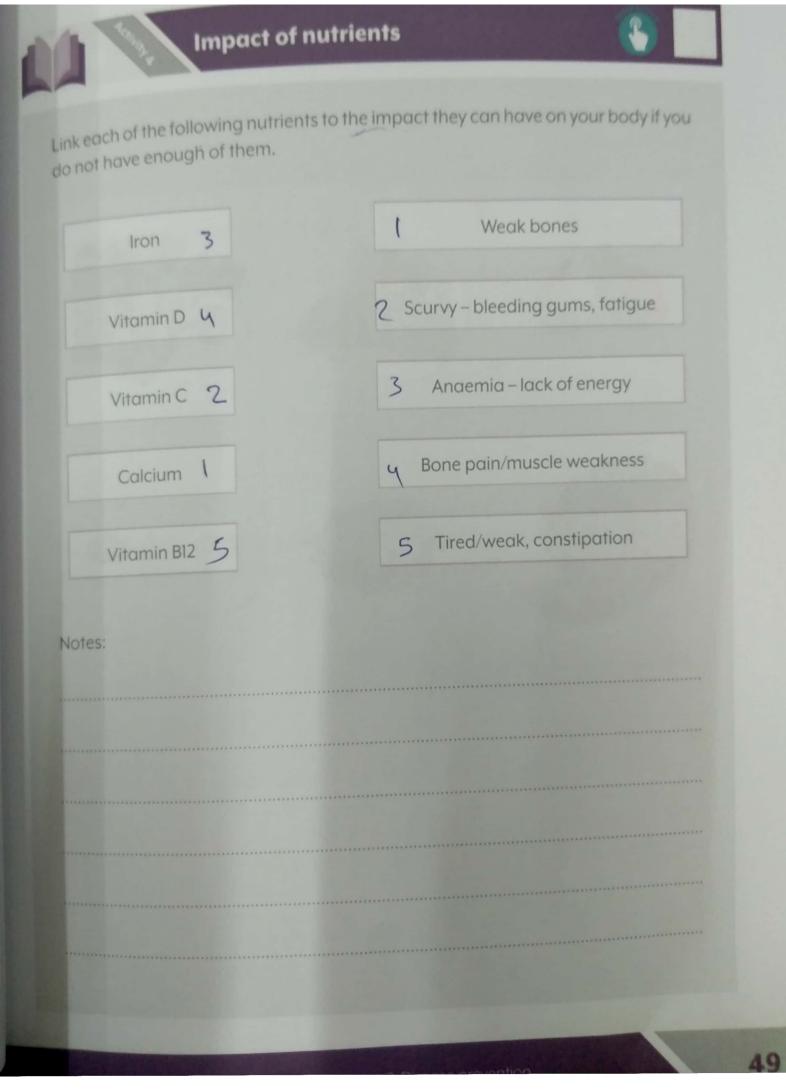
1- healthy life style. 2- Practicing 3- sleeping 4-hygiene

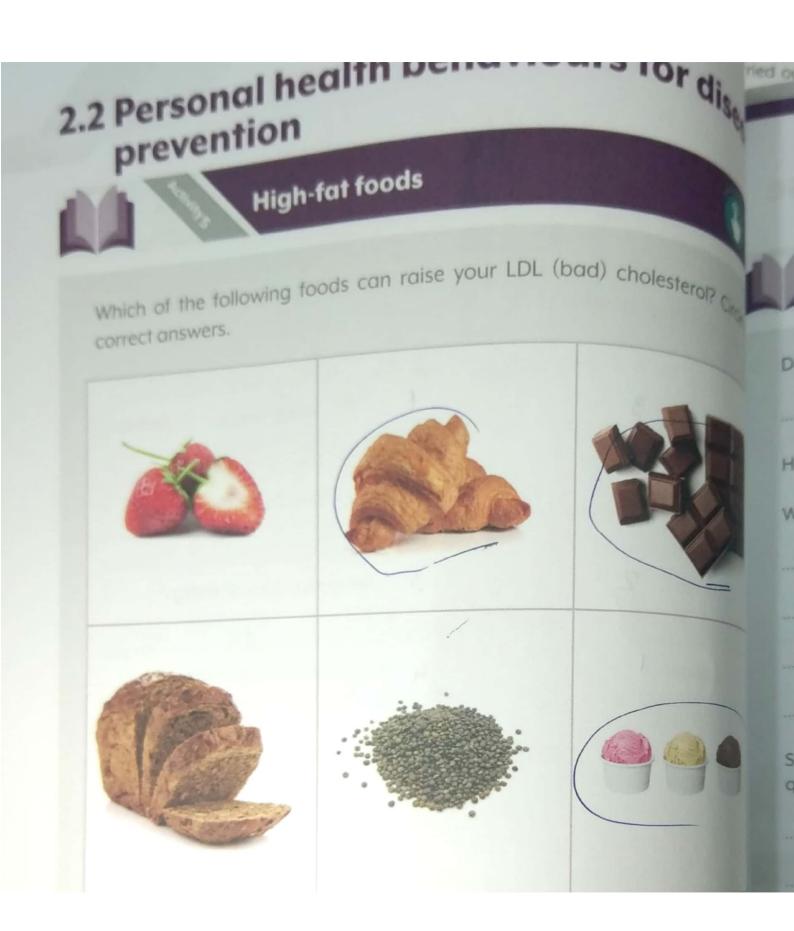
Discuss the impact that each of these behaviours can have on your health.

having poor sleep will lead to hypertension cating fast food will lead to overweight and high blood pressure



2.2 Personal health behaviours for di prevention Give an example of what one day of healthy eating could consist of Foods Meal milk- egg-whole grain bread Breakfast Apple Chicken- rice - vegetables Lunch fresh juice. Laberrah whole grain bread Dinner fruites Pop Corn - Bronge juice Snacks 48





Get enough sleep
Do you currently get the recommended 7-9 hours of sleep per night? Yes / No
Yes
How many hours of sleep do you usually get?
What do you think are the most common reasons for not getting enough sleep?
having a late big meal
browsing internet.
stress.
Suggest ways someone who is not getting enough sleep could improve their quality of sleep and increase the amount of sleep they are getting.
have a small healthy meal
avoid using mobile phone before
sleeping
avoid stress
read abook before sleeping

2.2 Personal health behaviours for disease prevention



How can you reduce your risk?

Read the following statements about reducing your risk of developing non-communicable diseases. Write 'Y' in the space provided if you think it is a way to reduce non-communicable diseases. Write 'N' in the space provided if it is not a way to reduce non-communicable diseases.

- 1. Eating a healthy and balanced diet
- 2. Proper hand washing
- 3. Do enough physical activity
- 4. Do not smoke
- 5. Get enough good quality sleep
- 6. Sneeze into a tissue

Now discuss your answers with your class.

	V
	1
	Y
-	24/
-	YV
	. Y
L	



Discussion: Personal hygiene

Think about your personal hygiene. Discuss all the different things you regularly do that contribute towards it.

1- Washing hands regularly
) was in
2- taking bath daily
3- Wear PPE when you have
to take Care of sick Person.



Religion of

Think of a lifestyle change

Think of one lifestyle change you can make that will reduce your risk of developing a non-communicable disease. Write your goal in the space provided. Then make note of which non-communicable diseases you could reduce your risk of developing. Now discuss with your class your goal and see what goals other students have made.

Goal: Reduce the risk factor of	having	flue	

Reduced risk of developing:	9000	Personal	hygiene	
			9.9	
P.v	roviding.	my boc	ly with VC	J×
)	J	0		

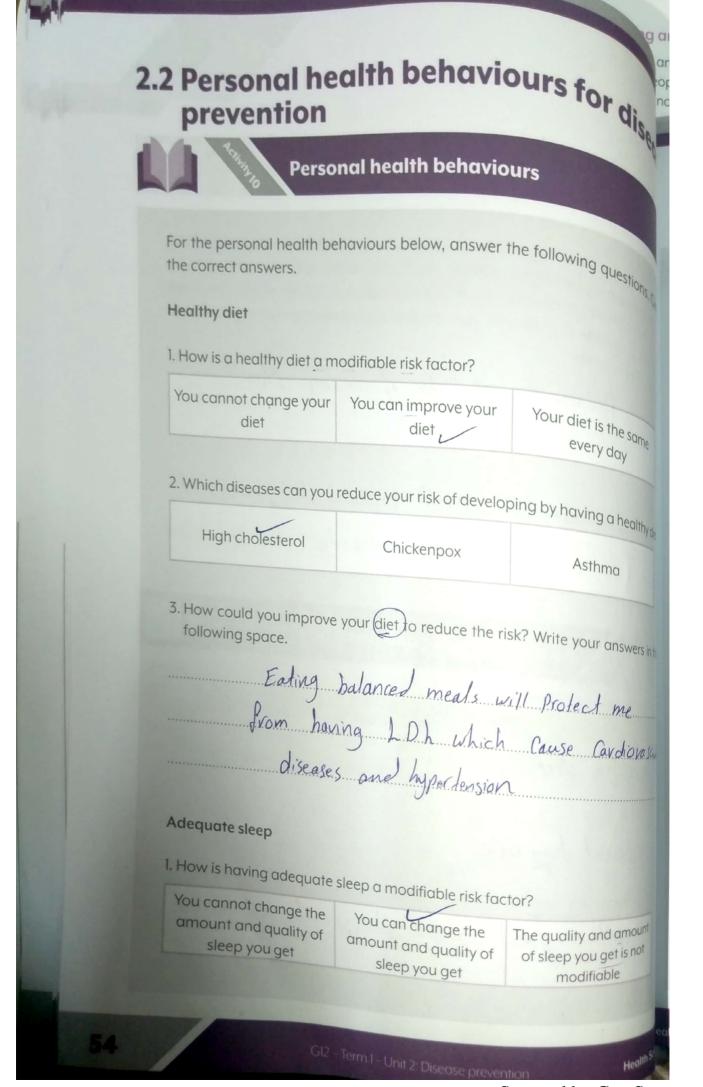


Personal hygiene and disease

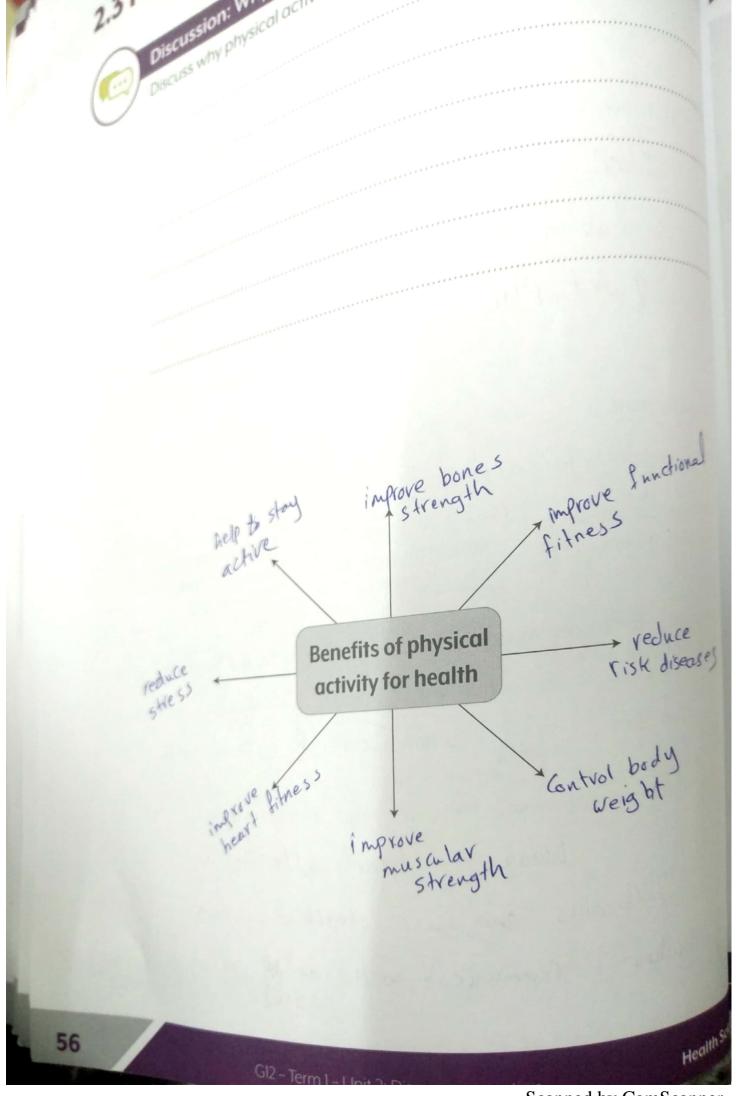
List three ways	people can	improve their	personal	hygiene.
-----------------	------------	---------------	----------	----------

1. enough sleep	
-----------------	--

2. Personal hygiene	2. Person	I hygien	L	
---------------------	-----------	----------	---	--



Heart disease	Asthma	Measles
low could you improve y	our sleep to reduce the risl	k? Write your answers in
Sleep betw	een 7-9 hours	daily
having	een 7-9 hours agood quality slep	ep in dark
	ace.	
	MCC	
		Daws and law origins in a
How is personal hygiene You have control over your personal hygiene	a modifiable risk factor? You do not have control over your personal hygiene	Personal hygiene is a non-modifiable risk factor
You have control over your personal hygiene	You do not have control over your personal hygiene	non-modifiable risk factor
You have control over your personal hygiene	You do not have control over your personal	non-modifiable risk factor
You have control over your personal hygiene Which diseases can yo	You do not have control over your personal hygiene	non-modifiable risk factor
You have control over your personal hygiene Which diseases can your personal hygiene? Diabetes How could you improve	You do not have control over your personal hygiene ou reduce your risk of de Common cold	non-modifiable risk factor eveloping by keeping governorment of the component of the compon
You have control over your personal hygiene Which diseases can your personal hygiene? Diabetes How could you improve	You do not have control over your personal hygiene ou reduce your risk of de	non-modifiable risk factor eveloping by keeping governorment of the component of the compon



Scanned by CamScanner



Do you do enough physical activity?



Answer the following questions about physical activity.

- 1. Based on the World Health Organization physical activity guidelines do you currently do enough exercise? (Yes / No
- 2. How many minutes of physical activity have you done in the last week? O... minutes
- 3. What type of physical activity have you taken part in this week? Write your answers in the correct box.

Moderate intensity

Vigorous intensity

4. How do you think you could fit more physical activity into your weekly routine?

learning new sport

Non/

Exercise intensity depends on the percentage of your maximum heart rate. Therefore, it is helpful to know what your maximum heart rate

To calculate maximum heart rate, subtract your age from 220. For example, if you are 17 years old, your Maximum Heart Rate (MHR) would be 203 Beats Per Minute (BPM) (220 -17 = 203).





ACINIA/IS

Calculate your maximum heart rate

Calculate your own maximum heart rate.

Maximum heart rate: BPM

Now that you know what your maximum heart rate is, this can be used to work out what percentage of your maximum heart rate you are working at.

Knowing the percentage of maximum heart rate shows how intense the physical activity is.

(Heart rate ÷ Maximum heart rate) x 100 = percentage of MHR

So, if your maximum heart rate is 203 and your current heart rate is 85 you would be working at 41.87% of your maximum heart rate.

(85 ÷ 203) x 100 = 41.87%

2.3 Physical activity and disease



Tolling la

Calculate the percentage of maximum heart rate

Answer the following questions about maximum heart rate.

- 1. If your heart rate is 75 BPM, calculate the percentage of MHR that you working at. $(75 \div 203) \times 100 = 36.49$
- 2. What exercise intensity would you be working at? ... vi strong.
- 3. Now calculate your own MHR and percentage of MHR if your heart rate

 BPM:

 20 203

80 - 203 = 39.4 %

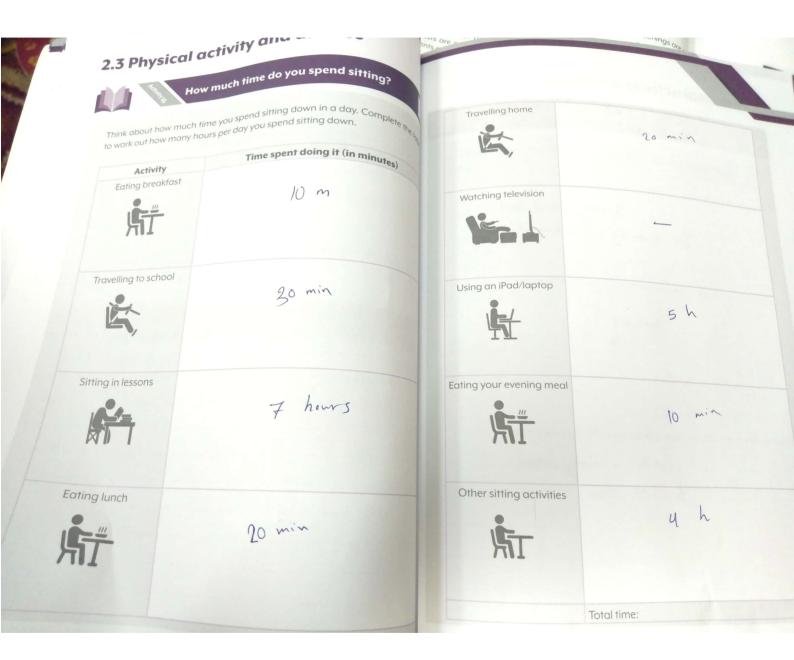
4. What exercise intensity does it mean you are working at? ... me devate



Video: Sedentary lifestyle

Make notes below on the video about a sedentary lifestyle.

.....



2.3 Physical activity and disease Reduce your time spent sitting In a small group, think of ways that you could reduce the amount of How could you become more active in your daily life? for amoning shows What activities do you do regularly with your friends and family? What could you do to make these activities healthier or more active? Practice with my friends to have fun G12 – Term 1 – Unit 2: Disease prevention

2.4 Immunisation for disease prevention



Discussion: Vaccinations

Discuss as a group and answer the following questions.

What do you think a vaccination is?

Something injected into aperson to Protect then from Liseases

Can you remember having a vaccination, what was it like?

Yes (HPV)

How many different names of vaccinations you can think of? Write them in the following space.

Tuberculosis /

OPV

2.5 Screening





Screening service

Look at the types of screening in the following table. Put them into the contract shows when they should be carried out.

that shows when	3 Cholesterol	3 Bowel cancer
Blood pressure check		Skin cancer
Blood pressure crices Z Eye checks for glaucoma	2 Osteoporosis	2 Type 2 diabetes
3 Hearing impairment	1 - 40s	In the 50s and re

3 med 30s	In the 40s	In the 50s and 60s
Begin in the 20s and 30s Blood Pressure	Eye checks	Bowel cancer
3kin cancer-	cardiouscular vish	o steo Porosis
	Type 2 drabetes	Hearing i MPariment



ACHIMA C

Types of screening services

In pairs, think of as many different types of screening services as you can be your answers in the space provided.

Blood Pressure

Hearing in Pairment

Type 2 diabates



Fill in the blanks



Look at the words in the box. Fill in the blanks in the following sentences using the words in the box.

		The same of the sa	
screening	treatment	detect	
301			

I do not have any symptoms, but there is a history of heart disease in my family. I should go for Screening..... to check for heart disease.

I have been diagnosed as having high cholesterol. I should go to my doctor for treatment and advice.

I have noticed that I have been feeling dizzy lately. I have also been getting headaches. I should go to the doctor to see if she can detect a health problem.



Physical health assessments

Think about physical health assessments (checks that a nurse may carry out to measure certain parts of your health). Explain what part of health each of the following checks measure.

Cholesterol

What part of health does it measure?....

heart diseases

2.5 Screening			
Osteoporosis What part of health do	bes it measure?	bone disea	ક <u>ે</u>
	Calcin	n deficiency	
Cardiovascular What part of health do			
Bowel cancer What part of health de	oes it measure?		
			· · · · · · · · · · · · · · · · · · ·
3			
	creening or dia	gnostic test	g a screening
			g a screening
			Carried out someone who symptom