Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 7/8th Health Ed.

Section: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Study Guide Packet

**Unit Essential Questions:** 1. How can nutritional and exercise choices affect human health?

 2. How can a person make healthy nutritional choices?

## **“Nutrients” - substances in foods needed: 1. to grow 2. have energy 3. stay healthy**  (**Read p. 104-107)**

|  |  |  |
| --- | --- | --- |
| **Nutrient** | **Purpose** | **Foods** |
| **Protein** |  |  meat, fish, milk, beans, eggs |
| **Carbohydrates** **1. Simple** **2. Complex** **3. Fiber** | 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. sugar, candy, fruit, honey2. grains, pasta, starchy vegetables (potatoes)3. bran, whole grains, vegetables |
| **Fats** **1. Saturated** **2. Unsaturated** **3. Trans fats** | 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (in hydrogenated oils) | 1. whole milk, butter, fatty meat2. fish, olive and corn oils3. margarine, cookies, chips, etc. |
| **Water** |  | \*need 8 glasses of water a day\* (NOT from soda, tea & sport drinks) |

 Page 2

**\*\*What do vitamins and minerals do for us?**

|  |  |  |
| --- | --- | --- |
| **Vitamins** | **Purpose** | **Foods** |
| **Vitamin A** |  | Carrots, sweet potatoes, leafy vegetables |
| **Vitamin C** |  | Oranges, tomatoes, strawberries |
| **Vitamin D** |  | Milk, fish, “sunshine” |

|  |  |  |
| --- | --- | --- |
| **Minerals** | **Purpose** | **Foods** |
| **Calcium** |  | Dairy foods |
| **Iron** |  | Beans, red meat, prunes |

\*\* Guidelines for Good Nutrition\*\* (p. 107-108)

**1. Eat a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of foods**

**2. Eat more \_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rich foods.**

**3. Eat less: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**4. Balance food & \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Textbook p. 111-114 (warning…book shows old Pyramid )** Page 3



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GRAINS** | **VEGETABLES** | **FRUITS** | **MILK**  | **PROTEIN** |
| make half your grains whole for fiber | eat a variety of different colored vegetables | canned, fresh or  fruit juiceeat a variety | choose low fat milk, yogurt or cheese | choose low-fat meats like chicken & fish.beans, nuts & seeds can replace meat |

 **Aim to include all food groups at each meal.**  **\*Limit fat, salt and sugar intakes.**

 The amount needed varies from person to person.

 **Calories needed daily depends on: \_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_, & \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 Page 4

 Consumer Choices about Food (**Read pages 109-110)**

# **Health Consumer -** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Beware! Ads promote many foods high in sugar, fat and salt.

Beware! Ads promote high calories through “super sizing” portions.

\*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - the amount of food the label nutrition information is based on

\*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - the percentage of daily nutrition provided by eating 1 serving

**What can you learn from a label?**

1. What is the serving size? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. How many calories / serving? \_\_\_\_\_\_\_\_\_\_\_

3. How much of the fat is saturated? \_\_\_\_\_\_\_\_\_ grams

4. How much protein /serving? \_\_\_\_\_\_\_\_\_\_\_\_\_\_ grams

5. What % of the daily value is there / serving?

 a. fiber \_\_\_\_\_\_\_\_\_\_\_\_

 b. calcium \_\_\_\_\_\_\_\_\_\_\_\_

Can you find nutritional information on a food label?

Use the picture on page #109 to answer the questions.

 Healthful Eating Habits Page 5

Textbook p. 116-119

**Why make healthy food choices?**

 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**What are some healthful eating habits?**

 1. Follow the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ guidelines.

 2. Pay attention to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sizes.

Ways to remember how much is a portion:

 3 oz. of meat = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 1 tablespoon of peanut butter = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 1 cup of fruit/ vegetables = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 3. Eat a healthy breakfast every morning.

Breakfast should include:

a. \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ex.- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ex. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**(continue to next page)**

Healthful Eating Habits (cont.) Page 6

 4. Buy/pack a healthy lunch.

Good lunch choices could include:

Grain - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Calcium rich food - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fruit/vegetable - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Protein - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 5. Choose snacks low in fat, sugar & salt… and high in nutrients.

Good snacks:

Food choices may reduce the risk of diseases:

**Cancer**

**Type II Diabetes**

**Osteoporosis**

**Heart Disease**

 Page 7

 Maintaining a Healthy Weight (p. 128-131)

Factors which may influence a person’s choices about food:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - the way you see your body

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [BMI]** – a method for accessing body size based on height and weight

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - a unit of heat that measures the energy in food and used in activity

**Calories and Weight** - p. 134 & 135

 **Weight control is all a matter of balance**: Calories in (what you eat) VS Calories burned off (activity)

|  |  |  |
| --- | --- | --- |
| **Same Weight**Calories in = Calories burned off | **Gain Weight** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **>** | **Lose Weight** \_\_\_\_\_\_\_\_\_\_\_\_ **<** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

 **Calorie intake increases when**: **Calories burned off increase:**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Textbook p. 132 & 133 Page 8

**Eating Disorders** - are extreme eating behaviors that can lead to serious illness or death

 **Help for Eating Disorders Includes:** 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Underweight Conditions**

**Overweight Condition**

Fear gaining weight and starve themselves-

 (refuse to eat)

Repeatedly eat large amounts of food and then purges

– (vomiting or using laxatives)

Excessive level of body fat

 \*Binge eating – eating too much food at one time

\*Binge eating – eating too much food at one time

 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_