

### **Introducing Terry**

Hi! I'm Terry. Do you ever feel like I do? Like your whole body's changing. It seems every day brings a new change.

One of the things I notice is that none of my clothes seem to fit for very long. My jeans are too short (or my legs are too long). My T-shirts are too tight. Even my feet seem to grow a size every six months. I kind of like getting bigger though. My parents say I'll be taller than they are.

I'm not sure how I feel about some of the changes. For example, I have hair in places I've never had hair in before. And there's someone in my class that I really like. Whenever we're close, I get kind of nervous, and then I start to blush.

Some of the changes are just embarrassing. I worry about body odour, even though I shower and use deodorant everyday. And then, there's the subject of pimples. Well, we all know about them. Just when you're getting ready to go to school in the morning, a pimple appears, and it makes me feel uncomfortable.

Sometimes I wonder what will happen next. I realize I'm becoming an adult, and I do feel more grown up than I did two years ago. I'm kind of scared but also I know that these feelings are a natural part of growing up.

Make a list of some of the changes that occur during puberty. Organize the changes in a chart like this:

Changes During Puberty	Could only happen to those with female sex organs	Could only happen to those with male sex organs	Could happen to those with female and male sex organs
Example: Grow taller			<ul> <li>✓</li> </ul>

#### Complete the following sentence starters:

The things I like about being me are	
I notice that	
I think a lot about	
Sometimes, I feel like I'm the only one who	
I look forward to	
	<b>OPTIONAL ACTIVITY</b>
	Write out some of your
I think puberty is	completed sentence
	starters on mural paper

to create a graffiti board about puberty.

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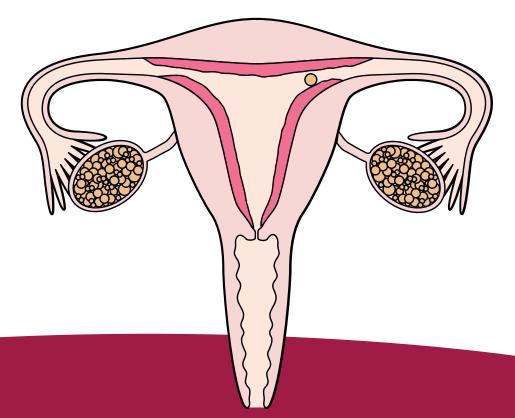




## Facts about the female sex organs

Use the words below to label the diagram. Then write each word next to its definition.

- **1** Fallopian Tubes
- 2 Ovary
- **3** Uterus
- 4 Cervix
- 5 Vagina
- 6 Endometrium



## Definitions

Th	e lower part of the uterus that has a small opening into the vagina
Th	e two tubes which link the ovaries and uterus
	o glands on either side of the uterus that release sex hormones, crogen and progesterone, and ova (eggs)
Th	e hollow muscular organ that holds and nourishes the fetus
Th	e passageway of muscles that joins the uterus to the outside of the body
Th	e thick soft lining that grows on the inside of the uterus each month



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## Facts about male sex organs

Use the words below to label the diagram. Then write each word next to its definition.

- 1 Foreskin
- Penis
- **Urethra**
- 2 3 4 Scrotum
- 5 **Seminal Vesicles**
- 6 **Prostate Gland**
- 7 **Testicles**
- 8 **Bladder**
- 9 Vas Deferens

# Definitions

 _Sac of skin that holds the testicles just underneath the penis
 _Two glands on either side of bladder that secrete seminal fluid
 _Two oval shaped organs contained in the scrotum, which produce the hormone testosterone and sperm (also called the testes)
 _The tube-like sex organ which hangs outside of the body
 _A gland near the bladder that adds fluid to semen
 _The tube that at different times carries urine and semen out of the body
 _The thin long tubes through which sperm travel from the testicles, and where sperm are mixed with other fluid to make semen
 _A sac inside the abdomen that holds urine
 _The skin around the head of an uncircumcised penis

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## **Hidden Changes**

A lot of changes that occur during puberty are hidden – they happen inside your body, or you can't see them because they have to do with how your body is developing or feeling. See if you can find the following words – they all have to do with hidden changes.

	es Diet Menstruation dy Energy Ovary				St Sv Te Ut	oerm ress veat estes cerus agina							
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J	Ρ	F	U	Т.	Ρ	Е	A	U	т	A	E	W	S
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**Activity Sheet 5** 

## **Myths and Facts About Personal Care**

	True	False
1. Skin Care		
a.A daily skin-care plan can help control pimples.		
b.Stress can contribute to skin problems.		
c. A lot of sun is good for acne.		
d. Chocolate and greasy foods cause pimples.		
e. Scrubbing your face helps eliminate blemishes.		
f. Some people can get pimples by frequently resting their face in their hands.		
2. Dental Care		
a.Daily flossing removes food between teeth that can cause bad breath.		
b. Gums that are red, swollen and bleed are healthy.		
c. Tobacco and caffeinated drinks do not stain teeth.		
d.Fluoride toothpaste helps to prevent tooth decay.		
3. Staying Fresh and Dry		
a. Deodorants reduce the amount of odour causing sweat.		
b. Antiperspirants and deodorants work best on clean skin.		
c. Daily washing or bathing helps reduce the bacteria that can lead to odour.		
d.Eccrine glands produce perspiration that can lead to odour.		
e. Sweat serves no useful function to the body.		
f. The apocrine glands become active during puberty.		
g. Drinking water reduces the concentration of perspiration.		
h. There are 24 eccrine glands in the body.		

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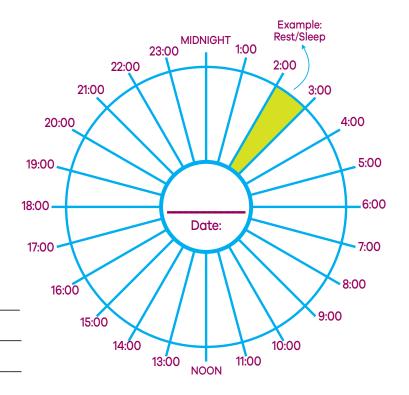
**Activity Sheet 6** 

## **Taking Care of Yourself**

Healthy habits can help you manage the physical and emotional changes that accompany puberty. Your body is growing rapidly, and you may have increased needs for exercise, sleep and nutrition. On the 24-hour clock to the right, keep track of how you care for yourself based on an average day.

#### Use a different colour to show:

- O Rest/Sleep
- O Physical Activity
- O Meals/Snacks (specify)
- Other (specify)



#### **Personal Care Profile**

I get \_\_\_\_\_ hours of sleep a night (on average).

Notes:

I spend \_\_\_\_\_ hours a week being physically active (on average).

My favourite forms of activity are: \_\_\_\_\_

My favourite healthy foods are: \_\_\_\_\_

• In small groups, research the nutritional, physical activity and rest needs of teenagers. Compare these findings with your own health habits. In what areas could you improve? Need ideas? Check out the Canadian 24-Hour Movement Guidelines and Canada's Food Guide online. • Prepare an information book called "Know Your Body." In it, you might include a diagram of the external and internal reproductive systems, an explanation of the menstrual cycle, and a glossary of terms associated with the body.











## **Scrambled Words**

Here's a fun way to remember important facts about health and hygiene. Read the clue on the right, then unscramble the letters on the left and write your answer in the blank space. Unscramble the circled letters, and complete the sentence at the bottom of the page.

<b>1</b> RIONTNTIU	You get this from the nutrients in food.
	A way to improve your strength and coordination.
<b>З</b> РООМ S (Н) А	You wash your hair with this.
4 O O E D N A R T D	Use this under your arms.
5 A L G S N D	These produce sweat and oil.
6 C N A E	Hormones cause this
7 T RID	When this blocks pores, skin breaks out.
8 EURTOPS	This is good when you are standing or sitting up straight.
9 YCIVTA	This can happen if you don't take good care of your teeth.

Puberty is the perfect time to start practicing good \_\_\_ \_\_ \_\_ \_\_ \_\_ \_\_\_ \_\_\_ \_\_\_.

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## A Changing You

#### Name: \_\_\_\_\_

Things I Did Well Then: (i.e. draw, swim) **Things I Do Well Now:** (i.e. basketball, sing, cook)

One Thing I Am Proud Of:

Favourite Things I Did In Grade 1:

**My Interests:** 

## People Important To Me Then:

(i.e. friends, parents)

**Someone Important To Me Now:** (i.e. parent, teacher, friend)

Things I Want To Work On: (i.e. a new skill)

**Did You Know...** that there are three times in your life when you grow rapidly? Can you guess what they are?

Things I Like Best About Myself:

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#### **Pre & Post Test Answers**

#### **Pre-Test**

- 1. **True**—Puberty is not just a physical process. Hormones can cause mood changes or mood swings, where you may feel happy one moment and sad or angry the next.
- 2. False—At some point some people may choose to start shaving the hair on their face. It depends on how soon their facial hair appears and how thick it becomes, as well as their personal preference.
- **3. False**—Sweat helps the body regulate its temperature.
- 4. **True**—Puberty for those with female sex organs usually starts between the ages of 8 and 13 and lasts for a few years. For those with male sex organs, puberty usually begins between the ages of 10 and 17, and lasts for a few years.
- 5. False—Puberty changes won't suddenly happen overnight. Some happen quickly, but others take place slowly over a few years.
- 6. False—Having a period is natural and healthy. It doesn't have to stop you from doing the things you usually do.
- 7. False—When you first start to have your period, they may not be very regular. Your body will take a while to settle down into a regular cycle, which might take 2-3 years.
- **8. False**—No one will notice your period unless you tell them.
- **9. True**—During puberty, those with female sex organs will develop breasts, they will get their periods for the first time and grow hair under their arms and in their pubic area.
- **10. True**—During puberty, those with male sex organs grow taller and more muscular, their voices deepen, their penis and testicles grow larger and they also grow facial and body hair.

#### Post-Test

- **1. True**—A growth spurt means you may grow several inches at once.
- **2. True**—Exercising during your period may help with cramps.
- **3. True**—You may experience sudden changes in feelings during puberty. Mood changes are partly caused by the increasing amount of hormones in the body.
- 4. **True**—The eccrine glands are all over the body and the perspiration they secrete is clear and odourless. The apocrine glands are mostly under the arms and in the genital area.
- 5. **True**—During puberty you need energy, and you get energy from the food you eat. It is very important to make sure you eat a healthy well-balanced diet.
- 6. False—On average, you lose about 4-12 teaspoons of menstrual fluid during your period, but only a small amount of it is blood.
- True—As you grow you have more responsibilities and are expected to make lots of decisions. IDEAL (Identify, Describe, Evaluate, Act, Learn) provides a structure for teens to solve problems.

#### 8. Estrogen is:

c. the primary hormone in those with female sex organs

#### 9. Testosterone is:

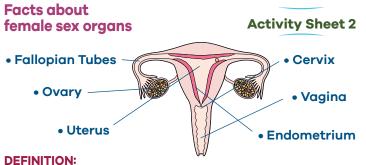
- c. the primary hormone in those with male sex organs
- 10.Sperm are made in: d. testicles

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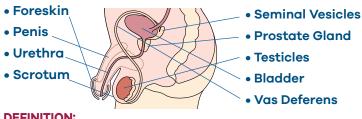
## **Activity Sheet Answers**



1. Cervix 2. Fallopian Tubes 3. Ovary 4. Uterus 5. Vagina 6. Endometrium

#### Facts about male sex organs



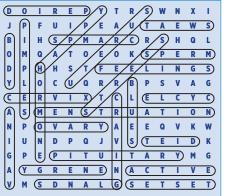


#### **DEFINITION:**

1. Scrotum 2. Seminal Vesicles 3. Testicles 4. Penis 5. Prostate Gland 6. Urethra 7. Vas Deferens 8. Bladder 9. Foreskin

#### **Hidden changes**

## **Activity Sheet 4**



#### Scrambled words

#### **Activity Sheet 7**

1. NUTRITION 2. EXERCISE 3. FAD DIET 4. SHAMPOO 5. DEODORANT 6. GLANDS 7. ACNE 8. DIRT 9. POSTURE 10. CAVITY

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Puberty is the perfect time to start practicing good **HYGIENE**.

#### Myths and facts about personal care

#### 1. Skin Care

- a. True-To help get rid of everyday dirt and oil, wash face gently, twice a day, with soap or cleansers, which can be medicated or non-medicated.
- **b. True**-Stress can contribute to skin problems. Although it does not cause pimples, it may make them worse.
- **c. False**-The sun can actually aggravate acne. The sun also speeds aging of skin and can cause skin cancer.
- **d.** False-It is now believed that diet

#### 2. Dental Care

- a. True-Clean between teeth with dental floss to remove food stuck between teeth. Use mouthwash to provide additional help in controlling bad breath.
- **b. False**–Healthy gums should be pale pink, but may vary from person-to-person.
- c. False-Tobacco and caffeinated drinks can stain teeth. Visit a

#### 3. Staying Fresh and Dry

- **a. False-**Deodorants are perfumes which mainly help to mask or cover up body odour Antiperspirants help stop body odour from developing by reducing underarm wetness.
- **b. True-**The best way to achieve maximum effectiveness is to use deodorant or antiperspirant as part of a daily routine, especially after a bath or shower.
- **c. True-**A daily bath or shower gets rid of the dirt and oil on your skin, and reduces the bacteria that can lead to odour.
- **d. False**–Eccrine glands produce perspiration that is clear and odourless. These glands start working as soon as you are born.



is not a cause of acne. However, a well-balanced diet is very important for overall health and well-being.

- e. False-Although daily cleansing may be beneficial in preventing pimples, hard scrubbing can actually aggravate acne. Harsh soaps or other products can also make skin problems worse and lead to dry, flaking skin.
- f. True-Some people can get pimples by frequently resting their face in their hands.

dentist at least twice a year for a check-up and professional cleaning to remove plaque from below the gums, even if they have been brushed regularly.

- **d. True**-Brush teeth and tongue at least twice a day with a fluoride toothpaste to help prevent tooth decay.
- e. False-Sweat is natural and important – it helps your body regulate its temperature.
- f. True-The Apocrine glands become active when you start puberty. They produce perspiration which can smell unpleasant when it comes in contact with bacteria on the skin. This smell is known as body odour.
- g. True-Drinking water reduces the concentration of perspiration.
- h. False-Sweat glands are everywhere on your body, except your lips and ears. Each person has about 2.5 million eccrine glands.







#### **Pre-Test**

What do you know about puberty? Circle the best answer from the choices given.

Puberty involves physical and emotional changes.	True	False
<b>2</b> Everyone starts shaving during puberty.	True	False
<b>3</b> Sweat serves no useful function in the body.	True	False
4 For those with female sex organs, puberty begins between the ages of 8 – 13 and for those with male sex organs it's from ages of 10 – 17.	True	False
5 Changes that happen during puberty usually happen at once.	True	False
6 You should not bathe, exercise or swim during your period.	True	False
<b>7</b> Periods always come on a regular schedule.	True	False
8 Everybody can tell when someone is having their period.	True	False
<b>9</b> During puberty, those with female sex organs develop breasts, get their periods for the first time and grow hair under their arms and in their pubic area.	True	False
<b>10</b> During puberty those with male sex organs grow taller and more muscular, their voices deepen, their penis and testicles grow larger and they grow facial and body hair.	True	False

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Post-Test

### Post-Test

What do you know about puberty? Circle the best answer from the choices given.

1 A growth spurt means you may grow several inches at once and that is natural.	True	False
2 Exercising during your period may help with cramps.	True	False
<b>3</b> You may have emotional ups and downs during puberty.	True	False
4 There are two kinds of sweat glands, eccrine and apocrine.	True	False
5 A healthy well-balanced diet can help you feel great.	True	False
6 The average person will lose about two cups of blood during their period.	True	False
7 Puberty can be a time when learning to make the right decisions for you is important. Some teens solve problems using IDEAL (Identify, Describe, Evaluate, Act, Learn)	True	False

# 8 Estrogen is:

- a. a sweat gland
- **b.** an emotional reaction to puberty

## 9 Testosterone is:

- a. a sweat gland
- **b.** an emotional reaction to puberty

# 10 Sperm are made in:

- a. pituitary glands
- b. penis

- **c.** the primary hormone in those with female sex organs
- **d.** the primary hormone in those with male sex organs
- **c.** the primary hormone in those with male sex organs
- **d.** the primary hormone in those with female sex organs
- c. scrotum
- d. testicles

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