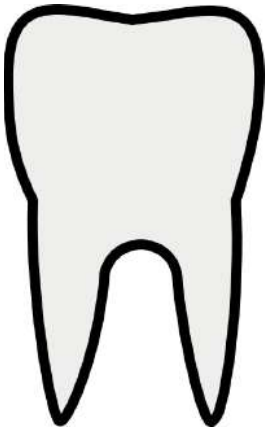


THREE GENERATIONS OF TEETH

Objective: To investigate development of dental habits and develop an understanding of how perceptions of dental health have changed throughout the years.



You Will Need:

- Printout: **Interview Sheet** (3 per student)
- Printout: **Sample Comparison Charts**

Procedure:

- 1) Discuss the concept of an “interview” to gather information.
- 2) Give students directions for interviewing.
- 3) Hand out Interview Sheets and instruct students to practice interviewing a classmate for the first interview. They may ask a parent or guardian to help if they cannot remember the answers.
- 4) Tell the students to choose two relatives (ideally from different generations – i.e. mother and grandfather or great aunt) who agree to be interviewed.
- 5) Read the “Before you begin interview section” of the Interview Sheet with students.
- 6) Ask students to have interviewee sign and date the bottom of the Interview Sheet.
- 7) Inform the students that they have two days to complete and return the Interview Sheets.
- 8) Calculate the average number for each category on the Sample Comparison Charts using the data from their Interview Sheets.
- 9) Share the findings with the classroom and tell them how you arrived at the numbers.
- 10) Compare and list, on a separate chart, the similarities and differences in dental habits among the three generations.

Module Extension

- Show the class the BBC video on different uses of teeth in people and animals [http://www.bbc.co.uk/bitesize/ks2/science/living_things/teeth_eating/read/1/].
- Have students color the **Tooth Anatomy** printout and complete the **Tooth Anatomy** quiz.

► **Curriculum Objective (Grade 3):** 1.2: Describe personal habits that contribute to improved (oral) health.

INTERVIEW SHEET

Please read: *Thank you for taking the dental habits interview. The purpose of this interview is to raise my awareness of my dental habits, and I answered the same questions you are about to answer. Also, this interview gathers information about dental habits across generations. I will be collecting information about dental habits, so that our class can compare and contrast answers across generations. However, the information that you share will be treated anonymously and your name will not be discussed with the class.*

First Interview:

1. I interviewed _____ (write name).

2. How many times per day do you brush your teeth?
 - a. 0
 - b. 1
 - c. 2
 - d. 3 or more

3. What kind type of toothpaste do you use?
 - a. Fluoride
 - b. Natural
 - c. Other _____

4. How often do you floss your teeth?
 - a. Never
 - b. A few times per week
 - c. A few times per month
 - d. once per day
 - e. More than once per day

5. How often do you go to the dentist for a cleaning?
 - a. Never
 - b. 2-3 times in my life
 - c. Once per year
 - d. Twice per year
 - e. More than twice per year

6. Have you ever had a toothache?
 - a. Yes
 - b. No
 - c. I don't know

7. How often do you eat or drink sweets, such as candy, cake, ice cream or soda pop?
 - a. Never
 - b. A few times per week
 - c. A few times per month
 - d. Once per day
 - e. More than once per day

Interviewee Signature

Date

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- c. A few times per month
- d. Once per day
- e. More than once per day

Interviewee Signature

Date

SAMPLE COMPARISON CHARTS

OUR GENERATION

Brushing	Toothpaste	Flossing	Dentist	Toothache	Snack

OUR PARENTS'/GUARDIANS' GENERATION

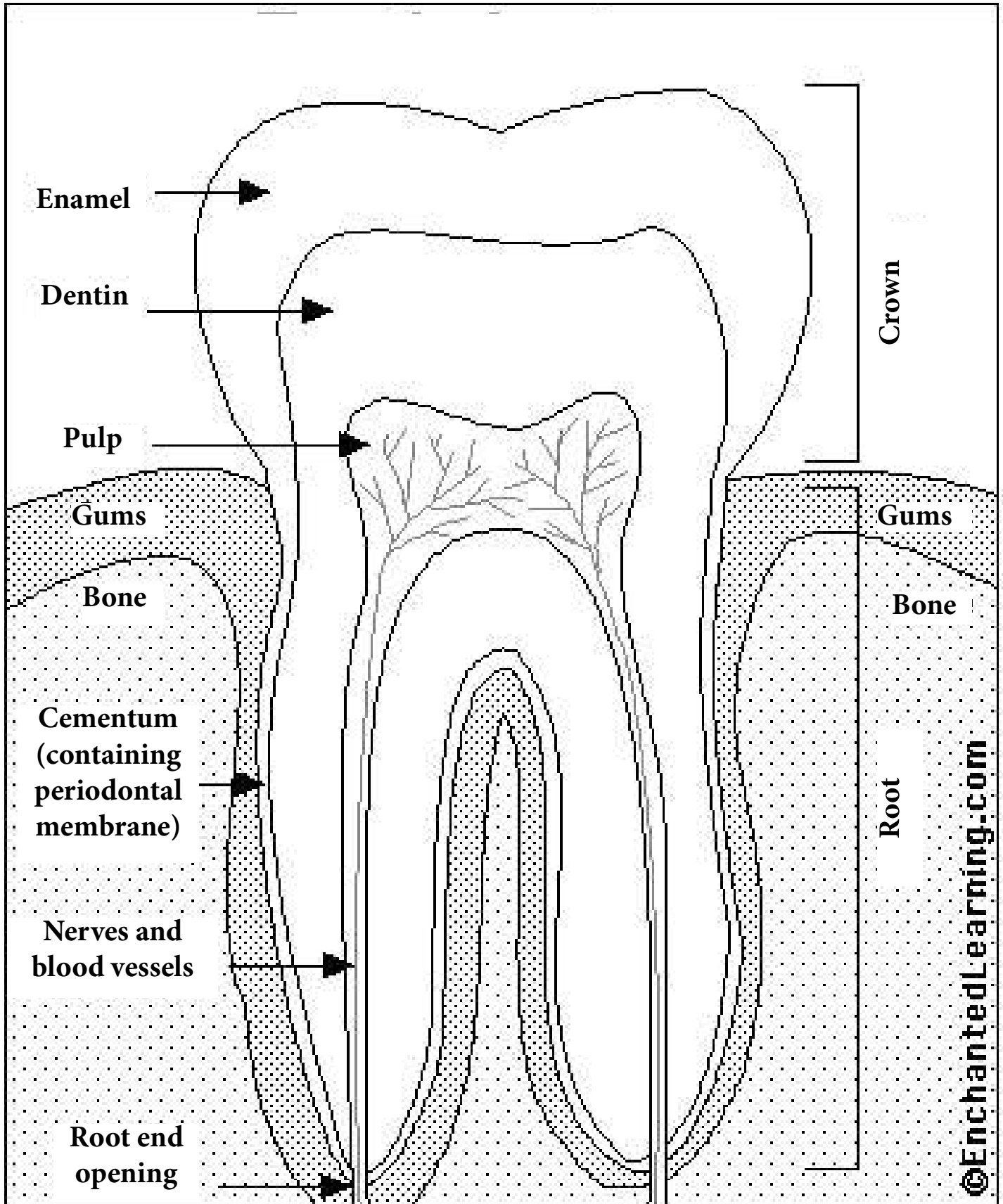
Brushing	Toothpaste	Flossing	Dentist	Toothache	Snack

OTHER ELDERS' GENERATION

Brushing	Toothpaste	Flossing	Dentist	Toothache	Snack

SIMILARITIES AMONG GENERATIONS	DIFFERENCES AMONG GENERATIONS
1)	1)
2)	2)
3)	3)
4)	4)
5)	5)

TOOTH ANATOMY



TOOTH ANATOMY QUIZ

1. The visible part of the tooth is called the_____.

2. What is the name of the hard, white, outer layer of a tooth?

_____.

3. What is the name of the tissue just below this outer layer?

_____.

4. The bottom part of the tooth that anchors it in the gums and jawbone is called the

_____.

5. What is the name of the soft center of a tooth? _____.

6. What does this soft area contain? _____.

7. What is the name of the soft tissue that surrounds the base of teeth?

_____.

8. What is the name of the tough outer layer of the roots?

_____.

TOOTH ANATOMY QUIZ (ANSWER KEY)

1. The visible part of the tooth is called the CROWN.

2. What is the name of the hard, white, outer layer of a tooth?
ENAMEL.

3. What is the name of the tissue just below this outer layer?
DENTIN.

4. The bottom part of the tooth that anchors it in the gums and jawbone is called the
ROOT.

5. What is the name of the soft center of a tooth? PULP.

6. What does this soft area contain? NERVES, BLOOD VESSELS, CELLS.

7. What is the name of the soft tissue that surrounds the base of teeth?
GUMS OR GINGIVA.

8. What is the name of the tough outer layer of the roots?
CEMENTUM.