

1. Listening: Listen and answer the questions: <https://www.youtube.com/watch?v=rDxatqUbkVk>

- a) What part of the tooth is not hidden by gums?
- b) What is the hardest material found in the body?
- c) What colour is dentine?
- d) Why is the middle part of a tooth hollow?
- e) How is it possible that each tooth can make a little movement during chewing?

2. Talk to your partner and answer these questions.

1. What does a tooth consist of?
2. What difference is there between primary and permanent dentition?
3. What types of teeth do people have? What purpose do the individual types have?
4. Describe the tooth numbering system in the Czech Republic and compare it to the Universal numbering system used in USA.

3. Complete one word into each gap

As humans, we have two sets of teeth _____ our lifetime. Primary dentition often referred _____ as baby teeth and permanent dentition. Each tooth in the mouth is _____ of four different tissues of which only enamel can normally _____ seen. The teeth are made _____ of two major parts.

In both the maxillary and mandibular arch are four types of teeth, each of these teeth _____ located in a different area of the mouth. The four front teeth in the mouth are _____ incisors. All of these teeth are responsible _____ cutting or biting food. The teeth located distal to the lateral incisors are known _____ canines. Premolars are smaller _____ the molars _____ play an important role in chewing and grinding the food. In order _____ effectively and efficiently refer to teeth we often use numbering or lettering systems. _____ are several systems that are used throughout the world. The _____ widely used system in U.S. dental schools is the Universal Numbering System.

4. Read the text and decide which of these activities do dental hygienists perform in the Czech Republic

Dental Hygienist

A career as a dental hygienist offers a wide range of challenges. Dental hygienists work with clinical guidance from a dentist or periodontist (a dentist who specialises in treating gum disease). Some of the services provided by dental hygienists may include:

- patient screening procedures; such as assessment of oral health conditions, review of the health history, oral cancer screening, head and neck inspection, dental charting and taking blood pressure and pulse
- taking and developing dental x-rays
- removing calculus and plaque (hard and soft deposits) from all surfaces of the teeth
- testing saliva for signs of tooth decay
- recognising and treating periodontal disease (gum disease)
- teeth whitening
- maintaining orthodontic appliances for patients
- applying preventive materials to the teeth (e.g., sealants and fluorides)
- teaching patients appropriate oral hygiene strategies to maintain oral health; (e.g., tooth brushing, flossing and nutritional counselling)
- counselling patients about good nutrition and its impact on oral health
- making impressions of patients' teeth for study casts (models of teeth used by dentists to evaluate patient treatment needs)
- performing documentation and office management activities

1. a) crown, b) tooth enamel, c) pale yellow, d) so that there is room for blood vessels that keep the tooth alive and nerves, there is pulp, e) it sits in a socket in a jawbone held in place by tiny elastic strands called periodontal ligament

2. As humans, we have two sets of teeth during our lifetime. Primary dentition often referred to as baby teeth and permanent dentition. Each tooth in the mouth is composed of four different tissues of which only enamel can normally be seen. The teeth are made up of two major parts.

In both the maxillary and mandibular arch are four types of teeth, each of these teeth are located in a different area of the mouth. The four front teeth in the mouth are called incisors. All of these teeth are responsible for cutting or biting food. The teeth located distal to the lateral incisors are known as canines. Premolars are smaller than the molars which play an important role in chewing and grinding the food. In order to effectively and efficiently refer to teeth we often use numbering or lettering systems. There are several systems that are used throughout the world. The most widely used system in U.S. dental schools is the Universal Numbering System.

1 Rewrite the sentence using a passive form so that it does not contain the words underlined.

- a They are collecting the rubbish on Tuesday this week.
The rubbish is being collected on Tuesday this week.
- b The police have already arrested both of the suspects.
.....
- c We have decided that your contract will not be renewed.
.....
- d Someone stole my bike last week.
.....
- e The chef cooked the fish perfectly.
.....
- f We'll reach a decision next week.
.....
- g The builders completed the building at the end of last month.
.....
- h People deliver all our products to your door.
.....
- i We have asked Pauline to take over the job until the end of June.
.....
- j While they were making the film, the money ran out.
.....

Rewrite each sentence so that it contains a passive verb and *by* + an agent or *with* + an instrument

- a A number of trainee doctors examined Dora.
Dora was examined by a number of trainee doctors.
- b The extent of the flood-damage has surprised everyone.
.....
- c Someone used a counterfeit key to open the security door.
.....
- d The freezing conditions put off many would-be shoppers.
.....
- e Someone used a brick to smash the window.
.....
- f The high cost of gas and electricity is hitting some families hard.
.....
- g The force of the explosion blew in the windows on nearby buildings.
.....
- h The high winds damaged several buildings.
.....
- i Somebody used a blunt instrument to hit the security guard on the head.
.....
- j The unusually high tide completely washed away the sea wall.
.....

Ex 1

- a The rubbish is being collected on Tuesday this week.
- b Both of the suspects have already been arrested.
- c It has been decided that your contract will not be renewed.
- d My bike was stolen last week.
- e The fish was perfectly cooked.
- f A decision will be reached next week.
- g The building was completed at the end of last month.
- h All our products are delivered to your door.
- i Pauline has been asked to take over the job until the end of June.
- j While the film was being made, the money ran out.

Ex 4

- a Dora was examined by a number of trainee doctors.
- b Everyone has been surprised by the extent of the flood-damage.
- c *The security door was opened with a counterfeit key.*
- d Many would-be shoppers were put off by the freezing conditions.
- e The window was smashed with a brick.
- f Some families are being hit hard by the high cost of gas and electricity.
- g The windows on nearby buildings were blown in by the force of the explosion.
- h Several buildings were damaged by the high winds.
- i The security guard was hit on the head with a blunt instrument.
- j The sea wall was washed away by the unusually high tide.