

You do not have to brush all of your teeth, only the teeth you want to keep!

WebQuest Description: This WebQuest will help children learn how to take good care of their teeth. They will also learn about visits to the dentist and losing their baby teeth.

Grade Level: K-2

Curriculum: Health / PE

Keywords: dental health, dental education, kids teeth, pediatric dentist, pedodontist, teeth, brushing

Published On: 2011-01-31 21:36:02

Last Modified: 2011-01-31 21:51:55

WebQuest URL: <http://zunal.com/webquest.php?w=85538>

Introduction

Welcome to the Tooth Fairy's Silly Smile Clinic where you will be learning how to take good care of your teeth, about visits to the dentist and when you start losing your baby teeth. A great smile always helps you look your best!

Tasks

At the end of this lesson students will be able to:

- Identify the five parts of the tooth (crown, roots, enamel, dentin, pulp).
- List at least three snacks that are healthy (raw vegetables, fruit, cheese).
- Explain what is a cavity (cavities are caused by sugars left on teeth after meals or snacks; bacteria feast on these sugars and form acid as a by-product; this acid eats into the tooth enamel, eventually creating a cavity).
- Explain how we can prevent cavities from forming (brushing our teeth as soon as possible after eating and limiting between-meal snacks).
- In addition:

Children will wash their hands and tell us how many teeth they have, followed by groups of children role playing a visit to the dentist.

Process

Students will be engaged by a combination of methods: lecture, video, reading a book, question and answer session, discussion, and role-playing.

1. Tooth Anatomy – The crown, roots, enamel, dentin, and pulp are explained in the attached visual chart. 2. Baby Teeth – Show the video Arthur's Tooth, or read one of the Loose Tooth books - the Tooth Fairy by Marc Brown, or Little Rabbit's Loose Tooth by Lucy Bate. Ask children "When do kids begin to lose their baby teeth? Do you think kids who have lost some baby teeth are more grown up than kids who have not lost a tooth yet? Encourage kids to illustrate and write or dictate stories about losing a tooth. Also, use the attached chart to further illustrate the order children lose their teeth and how many teeth they have. How many teeth do you have? Have children wash their hands and count their own teeth. Provide mirrors, if possible. Have children enter the information on a graph. When I went to the dentist... Ask children to recall things that happened when they went to the dentist. Write each detail on a sentence strip. With the children, arrange the sentences in a logical sequence. Have groups of children role-play a visit to the dentist. 3. How cavities are formed... Use attached chart to explain the process. 4. Clean, healthy teeth - Visit the attached file for proper brushing techniques. 5. Food Pyramid - Students will be engaged in a discussion about foods. The basic food groups will be briefly explained: grains, vegetables, fruit, oils, dairy, meat and beans. The words healthy and unhealthy will be written on the chalkboard. The students will be shown pictures of different foods to identify which ones are healthy or unhealthy. In addition, various games can be played to enhance the learning process at <http://dairycouncilofca.org/Tools/MyPyramid/>.

Evaluation

You will be evaluated on four different tasks: identifying the parts of the tooth, listing snacks that are healthy, explaining what is a cavity, and describing how we can prevent cavities from forming. Each task is worth 0-3 points for a total of 12 points possible. The rubric below breaks down each task and the points possible.

Category and Score	Incisor - 0 points	Premolar - 1 point	Molar - 2 points	Wisdom - WOW! - 3 points	Score
Identifying parts of the tooth	Does NOT identify any parts of the tooth	Identifies 1 or 2 parts of the tooth	Identifies 3 or 4 parts of the tooth	Identifies 5 parts of the tooth	/3

Category and Score	Incisor - 0 points	Premolar - 1 point	Molar - 2 points	Wisdom - WOW! - 3 points	Score
Listing healthy snacks	Can list 0 healthy snacks	Can list 1 healthy snack	Can list 2 healthy snacks	Can list 3 healthy snacks	/3
Explain - what is a cavity	Cannot explain the process	Gives an example of what a cavity means	Explains two parts of the cavity formation process	Explains the 3-step process clearly	/3
How can we prevent cavities?	Does not give any examples on how to prevent cavities	Gives 1 example on how to prevent cavities	Gives 2 examples on how to prevent cavities	Gives 3-4 examples on how to prevent cavities	/3
				Total Score	/12

Conclusion

Great job! You have learned so much! You learned the different parts of the tooth, what is a cavity, and how you can prevent from getting them. You even took an imaginary trip to the dentist's office. Now that you know how to pick foods that are good for your teeth, what healthy foods will you pick tomorrow?

Teacher Page

This WebQuest was designed for teachers and dental personnel teaching Kindergarteners through Second graders all they need to know about their smiles in a fun way – by visiting the Tooth Fairy's Silly Smile Clinic. The idea was to have a page where they were able to find information easily and without having to go all over the internet! The more knowledge children are provided with, the healthier and more balanced their lifestyle will be. Enjoy teaching our children! Jenny Tsantilas, RDH

Standards

Credits

Other