

UNIT 5: Dental Health *at a glance*

WORDS				
LEVEL 1		LEVEL 2		LEVEL 3
Chewing	Worry	Assistant	Rotten	Dentine
Dentist		Bandage	Sharp (time)	Enamel
Hard		Decay	Shiny	Fluoride
Healthy		Gauze	Tasty	Molars
Pain		Gums	Toothache	Plaque
Sugar		Filling	Treatment	
Teeth		Patient (noun)	Unique	
Tongue		Protect	Wept	
Toothbrush		Quiver	Wobbling	
Toothpaste		Remarkable		

SUGGESTED BOOKS	
Expository	Narrative
<i>Looking After Me: Teeth</i> by L. Goferly and M. Gordon <i>Going to the Dentist</i> by Anne Civardi	<i>Dr. DeSoto</i> by William Steig

DRILL AND PRACTICE
<ul style="list-style-type: none"> ❖ Guess the Word ❖ Gums with Word Molars

CONCEPTUAL ACTIVITIES
<ul style="list-style-type: none"> ❖ Flossing Teeth ❖ Brushing Teeth ❖ Super Heroes go to the Dentist

COMMON CORE STANDARDS FOR SCIENCE	
K	Strand 2 History & Nature of Science, Concept 1 History of Science as a Human Endeavor: PO 1. Give examples of how diverse people (e.g., children, parents, weather reporters, cooks, healthcare workers) use science in daily life
1	Strand 2 History & Nature of Science, Concept 1 History of Science as a Human Endeavor: PO 1. Give examples of how diverse people (e.g., children, parents, weather reporters, cooks, healthcare workers) use science in daily life
2	Strand 2 History & Nature of Science, Concept 1 History of Science as a Human Endeavor: PO 2. Identify science-related career opportunities Strand 4 Life Science, Concept 1 Characteristics of Organisms: PO 1. Identify animal structures that serve different functions (e.g., sensory) PO 3. Describe the basic functions of the following systems: <ul style="list-style-type: none"> • <i>digestive – breakdown and absorption of food, disposal of waste</i>

DENTAL HEALTH: WORDS AND DEFINITIONS

LEVEL 1 WORDS	DEFINITION
Chewing	Use your teeth to make food soft
Dentist	A person who takes care of people's teeth
Hard	Does not bend or break easy
Healthy	Good for your body
Pain	Something that hurts
Sugar	What you stir in to make things sweet
Teeth	We use them to bite and eat
Toothbrush	What you use to clean your teeth
Toothpaste	What you squeeze onto your toothbrush
Worry	Think about problems

LEVEL 2 WORDS	DEFINITION
Assistant	Someone who helps
Bandage	A cover for a hurt place
Decay	When teeth get slowly ruined
Gauze	Cloth for covering a cut or hurt
Gums	The skin that holds your teeth
Filling	It is used to fill a hole in your teeth
Patient (noun)	A person the doctor takes care of
Protect	Makes sure we are safe, and cares for us
Quiver	Shake from cold or being scared
Remarkable	Very good and amazing
Rotten	When something is old and you can't use it
Sharp (time)	Exact
Shiny	Smooth and bright
Tasty	Delicious
Toothache	A pain in a tooth
Treatment	Helps get better
Unique	Very different or uncommon
Wept	Crying because you are hurt or sad
Wobbling	Loose

LEVEL 3 WORDS	DEFINITION
Dentine	The part underneath the covering of a tooth
Enamel	The hard covering of a tooth
Fluoride	A chemical that strengthens teeth
Molars	Big teeth for chewing
Plaque	Sticky stuff from food and drinks

chewing



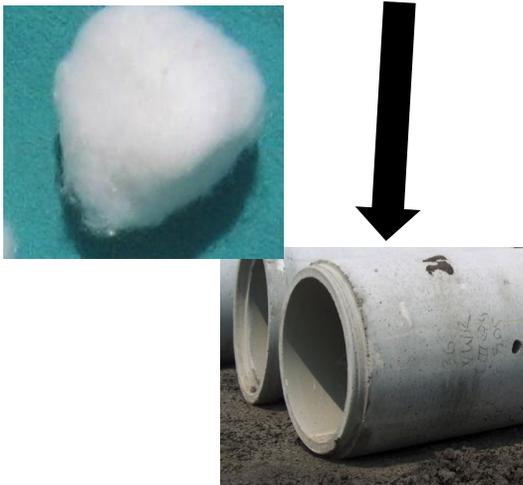
using your teeth to make food soft

dentist



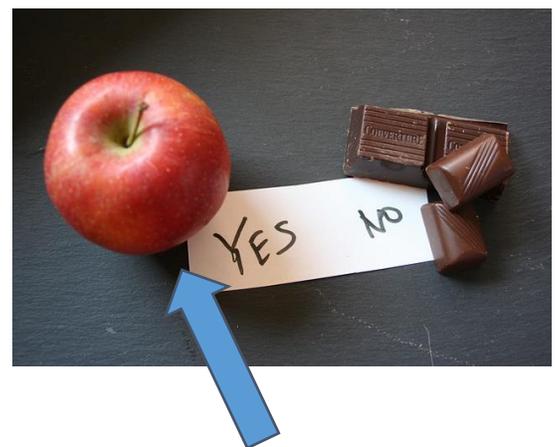
a person who takes care of
people's teeth

hard



does not bend or break easy

healthy



good for your body

sugar



what you stir in to make things
sweet

teeth



we use them to bite and eat

toothbrush



what you use to clean your teeth

toothpaste



what you squeeze onto your
toothbrush

worry



think about problems

assistant



someone who helps

bandage



a cover for a hurt place

decay



when teeth get slowly ruined

guaze



cloth for covering a cut or hurt

filling



it is used to fill a hole in your teeth

patient



a person the doctor takes care of

protect



makes sure we are safe
and cares for us

quiver



shake from cold or being scared

remarkable



very good and amazing

rotten



when something is old and
you can't use it

sharp



exact

shiny



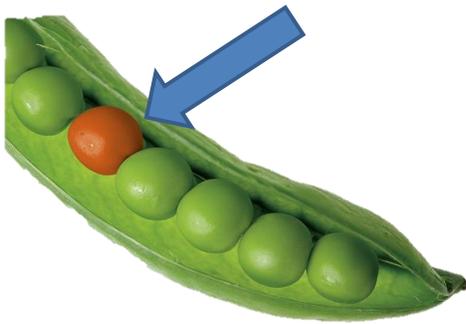
smooth and bright

tasty



delicious

unique



very different or uncommon

wept



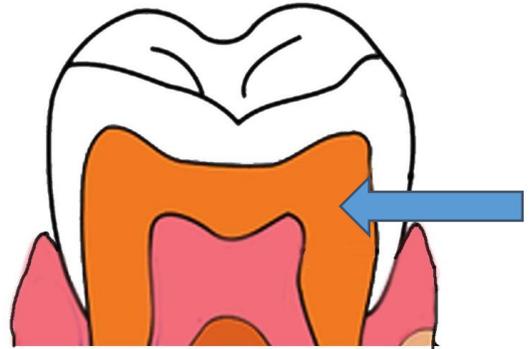
crying because you are hurt or sad

wobbling



loose

dentine



the part underneath the covering
of a tooth

enamel



the hard covering of a tooth

fluoride



a chemical that strengthens teeth

molars



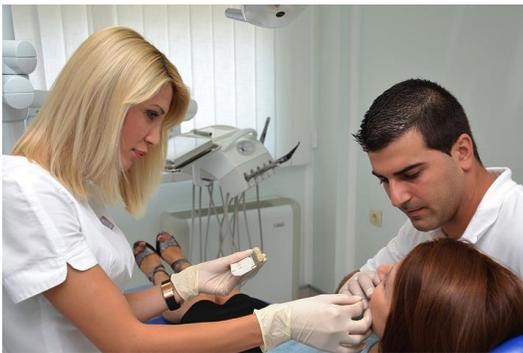
big teeth for chewing

plaque



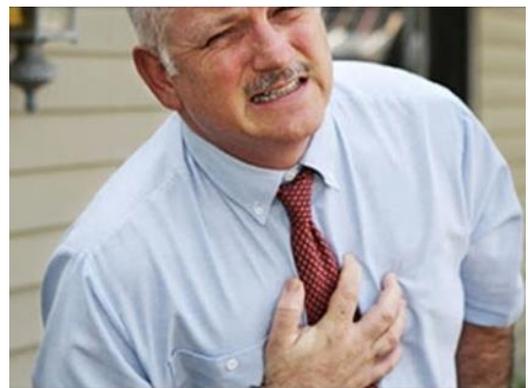
sticky stuff from food and drinks

treatment



helps get better

pain



something that hurts

toothache



a pain in a tooth

DENTAL HEALTH: ASSESSMENTS

WORD	PRE-INTERVENTION SCREENING	POST-INTERVENTION ASSESSMENT
LEVEL 1		
Chewing		
Dentist		
Hard		
Healthy		
Pain		
Sugar		
Teeth		
Toothbrush		
Toothpaste		
Worry		
LEVEL 2		
Assistant		
Bandage		
Decay		
Gauze		
Gums		
Filling		
Patient (noun)		
Protect		
Quiver		
Remarkable		
Rotten		
Sharp (time)		
Shiny		

Tasty		
Toothache		
Treatment		
Unique		
Wept		
Wobbling		
LEVEL 3		
Dentine		
Enamel		
Fluoride		
Molars		
Plaque		

DENTAL HEALTH: INTERACTIVE BOOK READING QUESTIONS

Before reading the book, place each question on a sticky note and place it on the corresponding page.

Book 1: *Looking After Me: Teeth* by L. Gofarly and M. Gordon

Reading	Page #	Question type	Question
1	15	abstract	Billy has chicken flavored toothpaste. Why is it different than toothpaste for people?
1	17	competence	How many times a day are you supposed to brush your teeth
1	21	relate	What do you like to chew with your molars?
2	12	competence	Different teeth have different jobs. What do the molars do?
2	24	relate	Look at your teeth in the mirror, do you have any fillings
2	27	abstract	What kind of sugary drink do you think they are drinking?

Book 2: *Dr. DeSoto* by William Steig

Reading	Page #	Question type	Question
1	5	competence	Why did Doctor DeSoto refuse to help cats?
1	15	abstract	What do you think Mr. Fox is dreaming about?
1	21	relate	Do you think it's funny when Mr. Fox shut his mouth with Dr. DeSoto inside?
2	14	relate	Fox dreams of eating a mouse. What do you dream about?
2	18	competence	Who made the fox's new gold tooth?
2	26	abstract	What do you think Dr. DeSoto painted on the fox's teeth?

DENTAL HEALTH: CONVERSATION PROMPTS

Use the space provided to script an anticipated conversation with your student.
Consider the following:

- What will you do if the student responds with only one word?
- What will you do if the student responds off topic?
- What will you do if the student doesn't respond at all?

Prompt 1: The little girl in the book had a loose tooth. What will happen when her tooth falls out? OR Tell me about a time when you lost a tooth.

Materials needed: *Looking After Me: Teeth* by L. Goferly and M. Gordon

Turn	Script	Conversational Strategy
Teacher		
Student		
Teacher		
Student		

Prompt 2: In *Dr. DeSoto*, the Fox had a terrible toothache. What would happen if you had a toothache? OR Tell me about a time you had a toothache.

Materials needed: *Dr. DeSoto* by William Steig

Turn	Script	Conversational Strategy
Teacher		
Student		
Teacher		
Student		

Prompt 3: I visit the dentist twice a year to get my teeth cleaned and checked for cavities.

Materials needed:

Turn	Script	Conversational Strategy
Teacher		
Student		
Teacher		
Student		

DENTAL HEALTH: DRILL AND PRACTICE

Activity: Guess the Word	
Purpose	To provide practice on the target vocabulary words and definitions multiple times.
Objective	The child will express target words and definitions in response to the teacher prompts.
Materials	<ul style="list-style-type: none">• 2 sets of 10 target word cards• Headbands with paper clips
Procedure	<ol style="list-style-type: none">1. Review the words and definitions.2. Each player gets a pile of target words (10 cards). For more players, distribute the cards evenly.3. Players pick one of the target word cards and put it in their headband, without looking at the card.4. Player 1 uses the definition to describe the word in Player 2's headband.5. Player 2 guesses what the word is. If Player 2 cannot guess the word, Player 1 provides more description without using the word. For example, for the word "dentist", Player 1 could say "This person looks at your teeth. They check to see if you have decay."6. After Player 2 guesses the word, s/he describes the word in Player 1's headband for Player 1 to guess.7. Player 1 guesses the word.8. Continue taking turns until all of the cards have been described.

ACTIVITY: Gums with Word Molars	
Purpose	To engage the student in a conversation about the topic while engaging in an activity.
Objective	Child will express target words and definitions in response to teacher prompts.
Materials	<ul style="list-style-type: none"> • Long strip of pink paper approximately 18 inches by 4 inches, folded in half to form a pocket in long strip 18 inches by 2 inches. • Template of molars found at: http://kindergartenchaos.com/3329-2/ • White paper or card stock to print molars on • Small pictures of vocabulary words • Glue stick • Scissors
Procedure	<ol style="list-style-type: none"> 1. Show the long pink strip of paper and explain that it is going to be the “gums”. 2. For each of the molars that go in the “gums” there has to be a picture of a word from the Dental Health unit. 3. Talk about the different pictures and glue them on the molars, then place the molar in the “gums”. Glue the molar in the “gums”. 4. Keep adding teeth with different words until the “gums” are full. 5. Optional: add molars with the printed vocabulary word or write the vocabulary word on the molar with the picture.

DENTAL HEALTH: CONCEPTUAL ACTIVITIES

ACTIVITY: Flossing Teeth

Purpose	To engage the student in a conversation about the topic while engaging in an activity.
Objective	Child will express target words and definitions in response to teacher prompts.
Materials	<ul style="list-style-type: none">• Disposable rubber glove• Yellow tempera paint• Paintbrush• String• Package of floss
Procedure	<ol style="list-style-type: none">1. Show the package of floss and talk about flossing and why it is important to floss once a day to remove plaque from between your teeth.2. Discuss healthy and unhealthy food and that plaque builds up on teeth over time. If you eat a lot of sugary foods, there is more plaque on your teeth and in between your teeth. Plaque is what causes decay and cavities in your teeth.3. Put the glove on and with the fingers pointing down, pretending that they are teeth. Use the yellow paint to paint "plaque" on to the teeth. Use the string as "floss" to go between the teeth to remove the "plaque". Talk about how the yellow paint comes off by using the "floss".

ACTIVITY: Brushing Teeth	
Purpose	To engage the student in a conversation about the topic while engaging in an activity.
Objective	Child will express target words and definitions in response to teacher prompts.
Materials	<ul style="list-style-type: none">• Small white board• Dry erase markers: black and yellow• Toothpaste• Toothbrush
Procedure	<ol style="list-style-type: none">1. On the white board draw or have the student draw a set of teeth.2. Talk about the different kinds of teeth and what they do.3. Discuss healthy and unhealthy food and that plaque builds up on teeth over time. If you eat a lot of sugary foods, there is more plaque on your teeth. Plaque is what causes decay and cavities in your teeth. With the yellow marker, draw plaque on the teeth.4. Take the toothbrush and pretend to put a little toothpaste on the toothbrush. Show the student how to carefully brush the plaque off of the teeth.

ACTIVITY: Superheroes	
Purpose	To engage the student in a conversation about the topic while engaging in an activity.
Objective	Child will express target words and definitions in response to teacher prompts.
Materials	<ul style="list-style-type: none"> • Paper folded into a small book • Glue stick • Scissors • Markers • Print page 11 of the following Teacher's Guide: http://www.colgate.com/BrightSmilesBrightFutures/v3/US/EN/guides/OralhealthEducationProgram_Teacher's_Guide_(Grades_2-3).pdf
Procedure	<ol style="list-style-type: none"> 1. Talk about Superheroes. Superheroes also have to take care of their teeth. 2. Show pictures of Superheroes and pick one to talk about all the things they do to take care of their teeth. 3. Glue the Superhero's picture to the front of the book and put different things on the pages that the Superhero does to take care of his/her teeth (go to the dentist, brush teeth with toothpaste, floss, eat healthy foods, etc.)