

GRADE

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KIDDOOLETV™



Science

Colossal Questions  
“What if you Never  
Brushed your Teeth?”

# Curriculum Connection:

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## Science:

### Human body and health:

This lesson focuses on oral health, exploring the effects of brushing teeth and the impact of sugary drinks on teeth through the egg experiment. Students learn about dental hygiene and its importance in maintaining good oral health.

## Health Education:

### Dental hygiene and self-care:

The lesson addresses the importance of brushing teeth and the consequences of neglecting oral hygiene. It encourages students to develop good dental habits to keep their teeth healthy and clean.

## Language Arts:

### Listening and comprehension skills:

Students watch the Kidoodle.TV episode and participate in discussions related to the importance of brushing teeth and the effects of sugary drinks on teeth.

### Descriptive writing:

Using the Science Experiment Worksheet, students are prompted to write about their observations and findings. They describe the "before" and "after" appearance of the eggs in the containers, reinforcing their descriptive writing skills.

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# Materials:

S01 E04

## Colossal Questions

What if you Never Brushed your Teeth?

Access this episode free on:

KIDoodleTV™



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### Lesson Supplies:

- Colossal Questions**  
S01 E04: What if you Never Brushed your Teeth?
- Whiteboard or chart paper**
- Markers**
- Two containers**  
for each group
- Brown soft drink**  
(e.g., cola or root beer)
- Eggs**  
(two for each group)
- Science Experiment Worksheet** (provided)  
– 1 for each student
- Pencils**



# Learning Goals:

## Science

Students will understand **why brushing teeth is essential for maintaining good oral health.** Students will identify the effects of sugary drinks on teeth through the egg experiment.

## Health Education:

Students will understand the importance of **forming good dental habits** and regularly brushing their teeth. Students will recognize the consequences of neglecting oral hygiene and not brushing teeth.

## Language Arts:

**Listening and Comprehension Skills:** Students will actively listen to the Kidoodle.TV episode and comprehend the information presented. Students will participate in class discussions and answer questions related to the importance of brushing teeth and oral health.

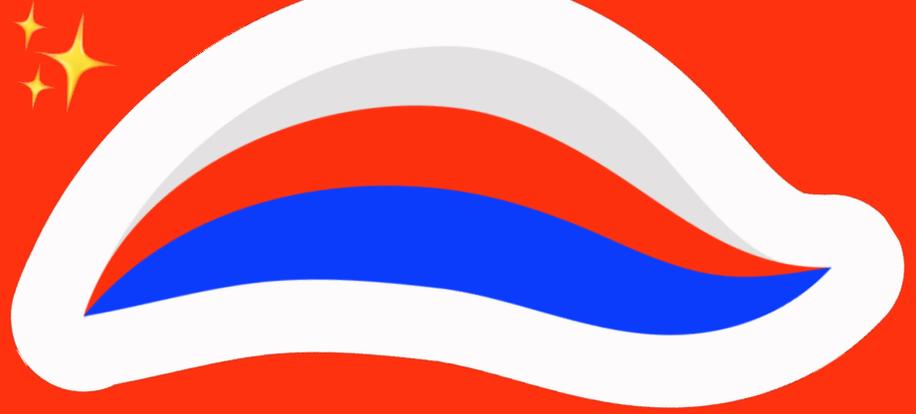
**Descriptive Writing:** Students will use descriptive language to write about their observations and findings during the egg experiment on the Science Experiment Worksheet.



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# Lesson:



## Introduction

Begin by asking the students if they know why brushing teeth is important.

Engage the students by discussing the benefits of having healthy teeth, such as eating comfortably and having a beautiful smile.

## Viewing of the episode:

Introduce Kidoodle.TV's episode *"What if you Never Brushed your teeth?"* and explain that it will show them what happens when someone neglects to brush their teeth regularly.

After watching, ask the students questions to ensure comprehension, such as:

- What did people use to brush their teeth before the invention of a toothbrush?
- Why is it important to brush our teeth?
- What happens when you don't brush your teeth regularly?

## Tooth Decay Experiment – Step 1:

Divide the class into small groups.

Ask each group to place one hard-boiled egg in each container – one container filled with water and the other with the brown soft drink. Instruct the students to leave the eggs in the containers overnight.

## Science Experiment Worksheet – Step 1:

Distribute the Science Experiment Worksheet to each student.

Ask students to draw a picture of how they predict the eggs will look like tomorrow after they have sat in the liquids overnight. Ask students to write out their prediction.

## Tooth Decay Experiment – Step 2:

The next day, have the students pour out the liquid and examine the eggs. Have the students compare the eggs left in the soda to the egg left in the water.

Facilitate a discussion about their observations and guide them to draw conclusions about the effects of sugary drinks on teeth.

## Science Experiment Worksheet – Step 2:

Re-distribute the Science Experiment worksheet to each student.

After discussing the results of the experiment, have students draw "after" pictures and write about the final result.

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## Conclusion:

Summarize the key points of the lesson about the importance of brushing teeth and avoiding sugary drinks. Emphasize the significance of forming good dental habits to keep their teeth healthy and white.



## Extension:

Students can create a "Healthy Teeth" poster or a short skit promoting dental hygiene.

They can work in small groups to design colorful posters featuring toothbrushes, toothpaste, and healthy snacks while emphasizing the importance of brushing teeth and avoiding sugary drinks. Alternatively, they can collaborate to create a skit demonstrating good dental habits, showcasing how to brush teeth correctly, and the benefits of maintaining a healthy smile.

## Assessment

Informally assess the students' comprehension during the episode discussion and the tooth decay experiment. Evaluate the students' engagement and understanding through their Science Experiment Worksheets.

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