

**U4. MATTER**

# INSTRUCTIONS

**STEP 1-** Watch & listen to this video:

<https://www.dropbox.com/s/8qj93t6ot4dpsjr/6thSCIENCEtask10.mp4?dl=0>

**STEP 2-** Read the slides of this PDF again.

**STEP 3-** Do TASK 6 (Instructions: at the end of this PDF)

**STEP 4-** Do TASK 7 (Instructions on a different document, on the school webpage)

WHAT IS A  
CHEMICAL  
CHANGE?

# CHEMICAL CHANGE IS...

Any change that causes a new substance to be formed.

# PHYSICAL CHANGE IS...

Physical changes come in many forms. It can be a change in the shape or appearance of an object, like crumpling a piece of paper, or cutting, bending, or dissolving something.

<https://www.generationgenius.com/learn-physical-and-chemical-changes/>



## Burning a gummy bear.

When the gummy candy was placed into a test tube with the oxidizer, the gummy candy burned up and created new chemicals.



## Chopping a banana.

Since cutting a banana only changes its appearance, a new substance is NOT formed.

# OXIDATION

It is a chemical reaction in which an atom loses one or more electrons to oxygen atoms.

## RUSTING IS...

when metals  
are exposed to air or  
water for a long time

## OXIDATION IN FRUIT IS...

when fruits  
are exposed to air for  
a long time





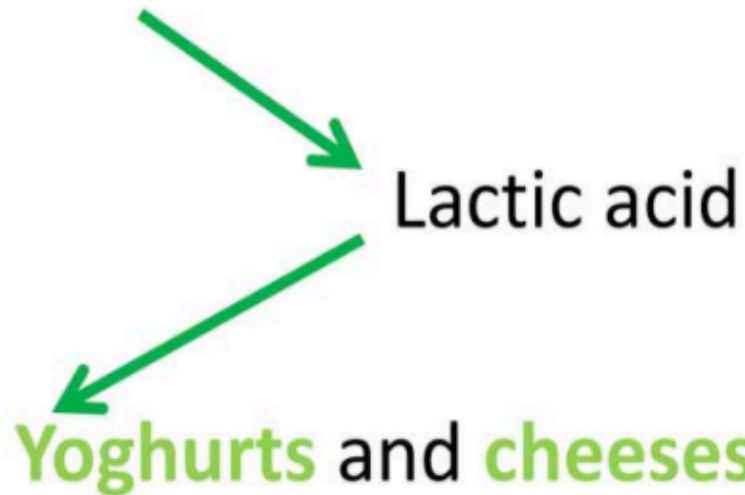
# FERMENTATION IS...

A chemical reaction when a cell uses sugar for energy without using oxygen at the same time.



An organism changes **sugar and carbohydrates** into **alcohol or an acid**.

Carbohydrates in **milk**



# TASK 6

**STEP 1-** Do the digital **CLASS BOOK** activities:

- 6 DIGITAL **CLASS BOOK** > Module 2 > 4 Matter > What are chemical changes > Read pages 12-13
- 6 DIGITAL **CLASS BOOK** > Module 2 > 4 Matter > What is oxidation> Read pages 14-15 & do activity 2 on a piece of paper/ use Word (answers will be uploaded on Wednesday, 27th May)
- 6 DIGITAL **CLASS BOOK** > Module 2 > 4 Matter > Let's revise > Page 18 ex 1 (answers will be uploaded on Wednesday, 27th May)

**STEP 2-** Do the digital **ACTIVITY BOOK** activities using the **computer**:

- 6 DIGITAL **ACTIVITY BOOK** > Module 2 > Unit 4 > Let's revise > Lesson 5 & Lesson 6



# THANKS!

ANY QUESTIONS?

6th A & B: [fcps.celia.colome@stjosep.com](mailto:fcps.celia.colome@stjosep.com)

Zoom → Tuesdays at 12h

<https://us04web.zoom.us/j/76611100728>

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Zoom → Tuesdays at 10h

<https://us04web.zoom.us/j/76866856477>