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Vigyan Pratibha Learning Unit K. V. NO-1, Kota

My food, My Choice

Did you know that humans started preserving food even before the discovery of fire? Humans would freeze food on ice in colder regions and dry foods in tropical regions. Today, other than freezing and drying, we use a lot of other techniques to preserve food. Can you list some of them?

yes, Kacuum packing, freezing, Deuging, pistwisation formentation etc.

Task 1: What spoils first?

Material needed

A slice of tomato, a slice of cooked potato, a spoonful of tomato ketchup or *chutney*, a potato chip, a spoonful of wheat flour and a piece of bread or *chapati*, petri-dishes or watch glass

What you will do?

Keep all the food items in plates or watchglasses separately and label them. Make sure you cover the plates with a lid or a beaker (in case of watch glass). Observe them everyday for change (if any) in color, appearance or smell. You can record your observations in the table below. Repeat this for 3-4 days or until your teacher asks you to record.

Table: What changes do you see in the food samples you are observing? Record in the table below

Tomato/Potato/Wheat	Day 1	Day 2	Day 3	Day 4	
Colour	Nowhange	alles you	becamedark/frace	The colour	belance Brownish.
Appearance	No change	Black subston	ato mold was	() 4 . 1	Paled
Smell	Tommato	Wagenin Ton	spots spots	The Do rotter	smele
Ketchup/Chip/Bread or <i>chapati</i>	Imelling		component has viother smeet deux to decay	musty way	Soursely_
Colour	No Changa	No cheira	Slightly darks	shappast Slight	y dark/
Appearance	Chappati Recome has	Kolchup cole	why have	thapped become	mold spots
Smell	No-mill	No Smell	Lour douled.	wip had sowson	ele/chappoti
Appeasionce -	Ketchup chill bet	Mosturisius	chips is become	whips ar	losea ,
©HBCSE, 2019	eaten by onto thip	with mi	Soggy Loon	Wispynis	J.1 20

(3 arapati + Mardens 1/2000 by, and can duelsp would or a Sow Smell as it spoils.

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4. Look at the table ab and answer the questions. Now, tomato ketchup/chutney, potato chip and bread/chapati are made from tomato, potato and wheat, respectively. Wheat flour stay fresh for longer compared to a tomato or potato slice? Why? Yes Dlow moichere? flow Is dry storeducing spoiling only. Distriction absuce a flow lacks sugar that premise spoiling only. Broage a flow can be stored in airfight contained. 6. Do you think tomato ketchup/chutney or potato chip will stay fresh for longer? What is in these foods that they don't spoil quickly? Can you find out what all is present in preserved foods? Tamato ketchy and chutney last longer than potato chips because they contain wingar; sugar and slat to present spoiling and one staying and sin staying and chutney last longer than potato to present spoiling and one stable from ketchy and chutny but love are less melt stable from ketchy and chutny but This was not happend in my case my ketchy was easter by an chocolate, a drink, a namkeen on other packed food. It may be a crisp like chips or biscuit; a chocolate, a drink, a namkeen on other packed foodWhich is your favourite packed food?
I clike 5 ottag chocalate.
What makes you buy that food? Tick whichever is applicable (You can tick more than one).
I like its taste My friends like it I It comes with a special gift I
It is advertised by my favourite star/sportsperson ☐ Any other reason ☐
Please state your reason I like Iets (taste, because it majorly contain coco dolids, Nougat and Caramel (which give its chocolaty taste and sticky tenture.
It is highly likely that the packed food of your choiced is also advertised on the television. Now, your teacher will show you a video of a packed food/drink. You will then have a class discussion. After the discussion, watch the advertisement of your favourite food again. Is there anything that surprised you about the ad.of your favourite food? In the ada they saudthat early tappun of mine I will be nothing to what will happen of mine. I will be not able to dave / achive any thing.
I will be not able to dave / achive any thing.

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Task 3: Explore the labels

Have you ever CAREFULLY seen the backside of a packet of chips or *namkeen or* biscuit? Take a look at the backside of the packet that you have brought or your teacher gives

What all information does it provide?
The information is about the product, the manifaturer's
name and address netwight , Suring Size, listof
Inquedients and netsition information per herring. 2. Which nutrients are present in the food label you explored?
I explored Kissan Ketherp, It had Keal, Protion
Car to hydrate. Dictory fibre fat, cholestorol etc.
3. After reading the food labels, is there anything that surprised you?
In the ads It's Shown that they are pare
But thear is water a Tocksed Sal, flowor etc
Let sur prised me. 4. Which food would you prefer out of the ones displayed? Why?
I would cat @ austard & Because it was
healthy and the have gelly said south in ads.
5. When you go out for buying packed food, how will you make a choice, now that
you can explore a food label?
NOW & 1:11 see the labels, putoritions and reality
of that packed food.
The state of the s
6. Any other information on the label that you consider equally important?
They should even fucled that they are
Luging in advertisement.
7. Any other information which is NOT on the label but you think it should be added to the label?
No. That i mentioned some in the above question
No. That i mentioned of in the above question and nothing was to add mox.

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