

Is Sports Extra, Dimba, Mwananchi: an Unknown Cause of Cancer?

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Introduction

It is a fact that many individuals in Tanzania prefer street foods than homemade meals. To them, it doesn't matter how it is served. Most of these are students especially teenagers and those who live in populated streets.

Did you know that promoting that kind of simple life style can damage you, make your health critical and pull you closer to death? If you did not, then in this research we are going to show you how newspapers used to wrap those food stuffs can cause cancer.

Method

In this project we are going to use cooking oil, pen ink, newspapers and food stuff. {Rice bun in particular}.the purpose is to now if the ink are miscible or not miscible.

We expect to observe the mixture of in from the pen and the cooking oil as well as wrapping the rice bun in a newspaper.as time goes it is seen that the newspaper become oily and the ink from the newspaper dissolves slowly from the newspaper to the rice bun which is the same with the first mixture

Procedure

STEPS FOLLOWED IN EXPERIMENTING:

i) The miscibility of ink in oil:

- First, 2ml or any amount of oil was put in a beaker
- Then, 2ml or any amount of ink were added into the beaker containing the cooking oil.
- The mixture was then mixed and stirred by the use of glass rod and finally came to conclusion
- It was seen that the ink and oil o mix to form a uniform mixture

ii) The dissolving of the newspaper ink in the oil present in the foodstuff.

- A food stuff sample was prepared and a set of newspapers were also prepared separately.
- Then the food stuff was wrapped with the newspaper.
- The combination was left to settle for a time.as time went the oil and the ink from the newspaper slowly started dissolving.
- Some of the ink finally at the end was finally mixed with the oil present on the food stuff.

ITEM/ MATERIAL	FUNCTION
COOKING OIL	Used as a solvent for dissolving ink during the testing of knowing if the cooking oil can mix with the ink
PEN INK	Used as a solute that is dissolved in oil during the testing of knowing whether ink and oil are miscible to form a uniform mixture
NEWS PAPER	Used to cover or wrap the foodstuffs(rice bun)so as to prove if the newspaper can crush turn oily
FOOD STUFF (RICE BURN)	Used as the main material being covered by the newspaper to show that the ink from the newspaper can dissolve into the food

MATERIALS	TIME	OBSERVATION
1 RICE BUN 1 PIECE OF NEWS PAPES	It took about 4 minutes to the ink to dissolve completely in the ink	The newspaper became oiled as the time went, as the result the rice bun made the newspaper oiled
1 CHAPATI 1 PIECE OF NEWS PAPER	It took about 3 minutes	The chapatti folded by the newspaper made it oiled.

Results

In our experiment, the method we used brought different results using various materials of the same kind but with different size and physical structures. The mixing of cooking oil and ink was possible as well as the testing if the ink of newspaper can be dissolved to the foodstuff. In this case, newspaper squeezed out the excess oil which then dissolve or mix with the newspapers ink. The rate of the combination increased as more food stuffs were folded to the newspaper.

Note: the size of the food stuff used do matter when experimenting.

Also we tried to take other kinds of foods and fold them with the newspaper. Still we got the same results. Thus we can conclude by saying that the more food increased to be folded by the newspaper the more the rate of mixing between the ink and cooking oil.

Therefore, after all the intake of the foods with the mixture of the two substances, results to the development of cancer in the body. And this process grows faster as a person frequently use newspaper wrapped foods. And the mostly people who prefer to use are those from rural areas and streets in cities

As we have observed that after the food have been wrapped in the newspaper the ink started to feint and the newspaper became very transparent. The following questions we have asked ourselves as the observers:

- Where is the ink disappearing to?
- Why is the newspaper being transparent?
- What does the ink contain?
- How does it affect the human health?
- How can we reduce/ prevent the effects?

The following are the results obtained by several researchers out of curiosity which is what made us conduct this project/;

Conclusions

- As it is obvious that treating cancer that is to be caused by the ink is very expensive, therefore knowing how harmful the ink is ,will help the people in the society avoid and prevent themselves from cancer.
- Because most people who use magazine or newspaper to wrap food are in the rural areas localities, this project will help them to save money that would have been lost in the treatment of cancer and therefore boost their economy. And also it will teach all the people wherever they are to prefer homemade food than street made food since they are much suitable and good for the health.
- Not only that but also it will improve the living standard of the citizens since less people will die due to cancer because mostly of them they will stop using newspapers as food wrappers.

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