



INDIAN SCHOOL AL WADI AL KABIR

CLASS – X – SKILL SUBJECT

DESIGN THINKING & INNOVATION (DTI)

HOLIDAY HOME ASSIGNMENT

TASK 1:

Observation of Creativity and Innovation in Nature:

The students need to observe examples and find answers to how does nature solve its problems? Then they gather examples from nature and try to make something useful.

This task which involves observation, analysis and creativity is an example of both spontaneous and deliberate cognitive creativity.

INSTRUCTIONS:

1. The students go on a field visit to a nearby park or garden.
2. They ask questions such as: *Why is a seed shaped this way? Why are the flowers like this? Why does the fruit fall to the ground?*
3. How would you go about finding answers to the above questions?
4. The students also collect examples of fallen fruits, seeds, flowers, leaves, twigs, stones, etc.
5. Using these collected items, they create something useful. Students are encouraged to come up with multiple uses.

Tips: The items could be turned into a gift, game, painting, ornament, whistle, etc.

(For example: paint the leaves with different figures and use them as bookmarks, coasters, or greeting cards.)

Output: A presentation of creative and useful examples made from collected natural items.

TASK 2:

Creative Doodling:

This task is an example of **spontaneous emotional creativity**. The student engages in free, instinctive exploration by trying out creative alternatives.

1. Students select a few everyday objects found around them.
2. They place one or two of the objects on an A4-size sheet and draw or doodle around them to create an interesting image. The use of colours is permitted.

(For example, bottle caps could be used in place of eyes to make a face.)

3. Students try at least three different variations using the same object or different ones.
4. Each exploration should be given a title.
5. Document the different variations through photographs.

Output: Present your creative doodle solutions in class.



**ALL THE BEST
HAPPY HOLIDAYS**