AN INTRODUCTION TO IDEATION

"YOU ARE ENTERING THE IDEATION ZONE, MAKE SURE THAT YOU BRING GREAT IDEAS WITH YOU!"

ONE IDEA CAN CHANGE YOUR LIFE

LET'S WATCH SOME VIDEOS TO GET THOSE IDEAS FLOWING

ANOTHER INSPIRING VIDEO

Students from different schools in Bawana, Delhi ideated and clubbed their ideas together.

Using right technology and mentor support they found solutions to some of the major problems being faced in & around their school & homes!

EVOLUTION OF TELEPHONES

| 1885 | 1920 | 1965 | 1985 | 1990 | 2000 | 2015 | Future |

SOME MORE VIDEOS

https://youtu.be/m_ho7xhgWV8

Indian Innovators
It just takes one great idea to make you an innovator – ideas are not tied by any boundaries so open-up and start thinking.

https://www.youtube.com/watch?v=plHC09aXN8g

WHAT ABOUT THESE ?

Invisible Cloak

Batman's Mobile

WHAT ABOUT THIS?

Virtual Reality

MORE VIDEOS TO GET YOU THINKING

Think about a cool invention you may have seen in a film or might have read about in a book. What if you were told that some of those inventions now exist in real life?

https://youtu.be/bVzppWSIFU0

Machine that converts poop into water

https://youtu.be/35yeVwigQcc

Portable Water Generator

https://youtu.be/MOFRmR6MM1o
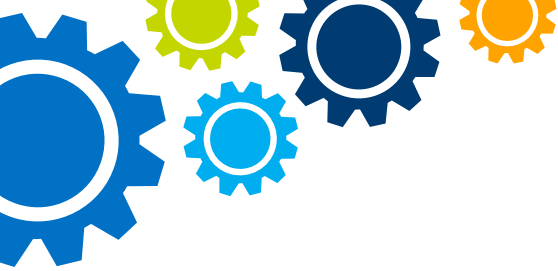
Lights powered by Plants

LET'S LOOK AT SOME MORE EXAMPLES

For example, The Eco Cooler

This no-electricity cooler is made with old cold drink bottles cut into half and attached on to a solid board. When hot air passes through them, the bottle neck compresses it and cools it down.

These coolers, when fitted in place of regular windows, bring down the room temperature even in scorching heat conditions.

SOME AMAZING EXAMPLES OF INDIAN INNOVATION

Innovators from India

The Digital India challenge is a great platform for people across the country to showcase their talent. This video showcases the top ten innovators and their ideas that were selected as a part of the "Innovate For Digital India Challenge"(IDFIC).

http://bit.ly/2orWZZo

YET ANOTHER AMAZING INNOVATION

Printed paper recycling machine

An idea of printer which can erase all data on a printed page fed to it making it plain and hence reusable.

By
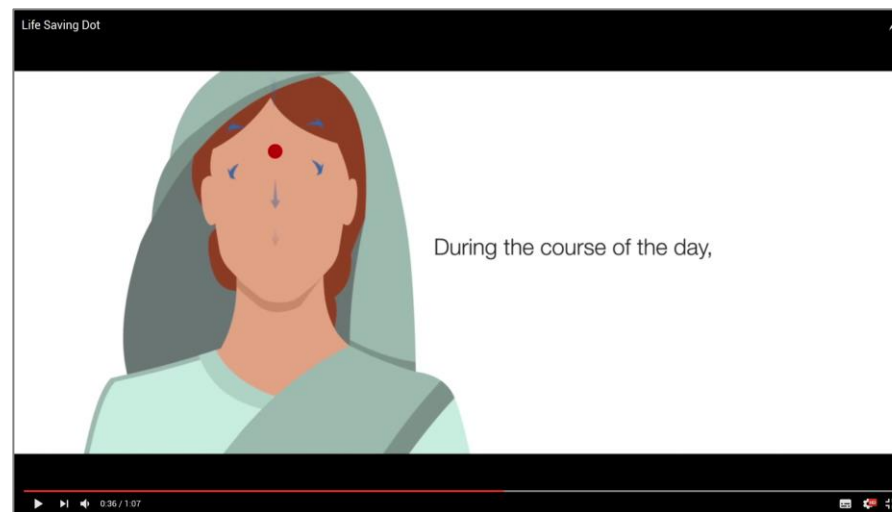Arvind Gopal Krishnan,
Class 11
From Chennai,
Tamil Nadu, India

Source : www.rediff.com/getahead/report/achievers-top-31-amazing-innovations-from-young-indians

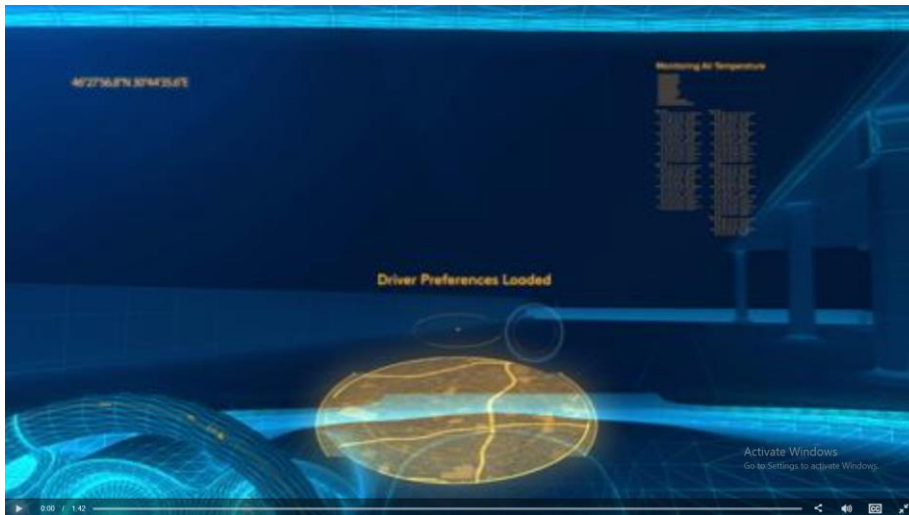# THE LIFE SAVING DOT – JEEVAN BINDI

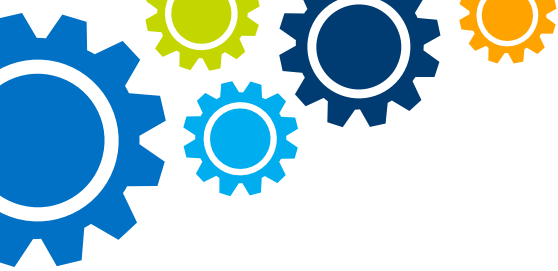A simple bindi to tackle the problem of iodine deficiency amongst Indian women!

https://youtu.be/Sclg_AfGzcE

A FEW MORE INSPIRING VIDEOS

Ideas can help you inspire, innovate and create.

Ideas are the start of something new and big.

So, what was common in all of these videos, pictures etc.?

These people identified a problem and instead of waiting or looking for someone else to help them ... they worked to solve it on their own.

They came up with new ideas and innovated things that would solve the problem.

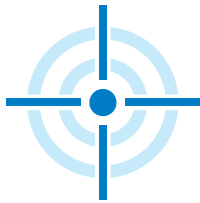# ALL THESE ARE SOLUTIONS TO SOMEONE'S PROBLEMS – NOW LET'S HEAR FROM YOU

(intel)

TO HELP YOU WITH THE IDEATION PROCESS …

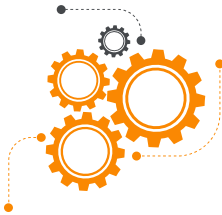**HERE'S A FOUR STEP APPROACH**

A 4 STEPS APPROACH

STEP 1: SCOPE

- What will you like to do?
- What's the problem you have identified?
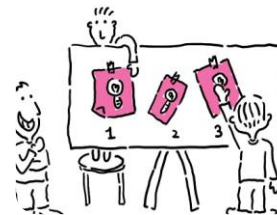- Define problem statement

STEP 2: GENERATE

- Look for various solutions for your problem.
- Generate multiple scenarios – ideas

STEP 3: ANALYZE

- Go through each Idea/ scenario & analyze

STEP 4: OPTIMIZE

- Fine tune the idea

SCOPE -DEFINE PROBLEM STATEMENT

- Write down one very precise problem statement!

- "How can we help X PERSON to solve X PROBLEM ?"
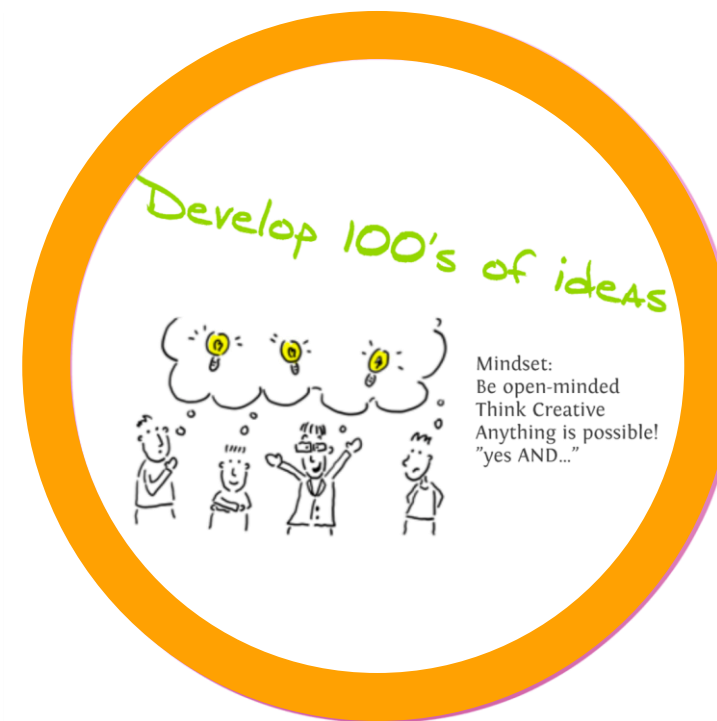

Define the problem

Mindset:
Be curious
Ask questions
"How can we..?"

HOW MIGHT WE:

GENERATE MULTIPLE SCENARIOS - IDEAS

- See opportunities and forget limitations

- Generate as many ideas as possible - *quantity over quality!*

- No criticism is allowed

- Don't say "no but", say "yes and…"

- Co-create by building on each others' ideas

RELOOK AT ALL IDEAS & ANALYSE

Mind set: Be realistic and logical

- Get rid of the ideas that are less likely to solve the problem

- Continue until you have found the 10 best ideas

- Look at each idea and understand its pros and cons

- Choose only one idea

Sort, evaluate and combine ideas

Mindset:
Be realistic
and logic

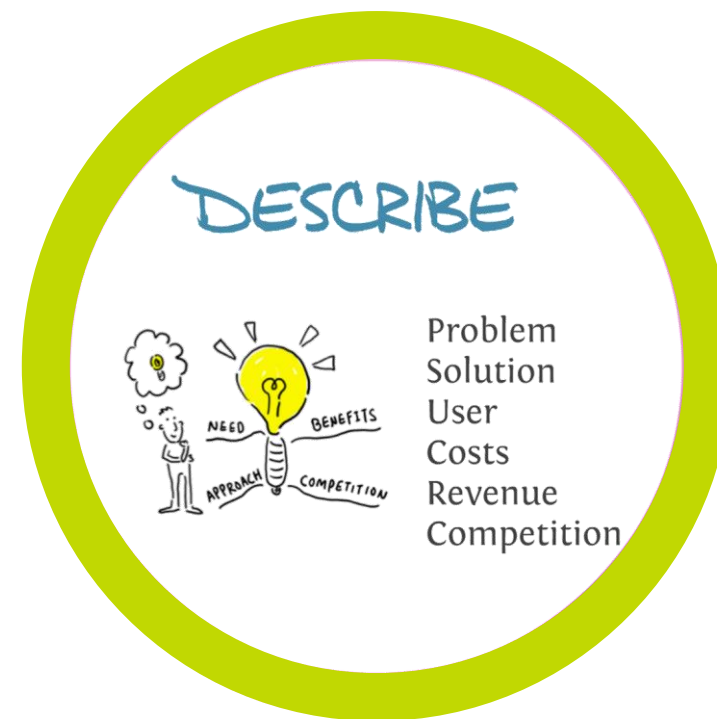There is nothing more powerful than an idea whose time has come.

- Victor Hugo

FINE-TUNE THE IDEA

- Conceptualize the solution by summing up the different components of the idea

FEEDBACK FOR THIS SESSION

- What was the most interesting feature of this session?

- Did you hear/ see something new in this session? What was it?

- Is there any challenge/ problem/ issue in & around your school/ home/ park etc. that you would like to help solve?

- What will you like to create/ make/ invent to solve this problem? Share your idea.

The world is made by people who were no smarter than you! Don't be afraid to change it.
- Steve Jobs

(intel)

THANK YOU