Leveraging Digital Platforms for Education

Characteristics for Online Learning Platform

❖ Simplicity

❖ User Friendly

❖ Attractive Interface

❖ Integration

❖ Clear Course-Content

- ❖ Tracking and Reporting
- ❖ Easy to Flip
- ❖ Automated Evaluation
- ❖ Socially Driven
- ❖ Gamification

- ❖ Accessibility
  - ● Visual Accessibility
    - ● Auditory Accessibility
    - ● Multilingual Support
    - ● Assistive Technology Compatibility
    - ● Inclusive Content Design

How Digital Platform can support Students & Teachers

- Access to Digital Learning Resources
- Personalized Learning
- Assessments and Quizzes
- Multilingual Support

- Enhanced Access to Education
- Democratizing Education
- Improved Quality of Education
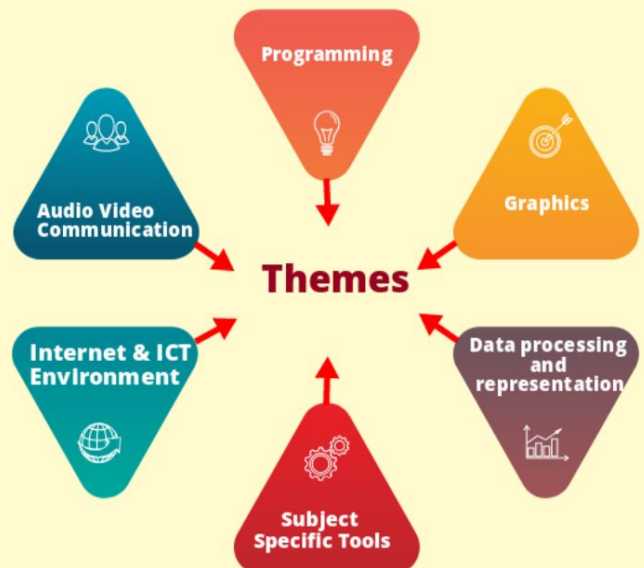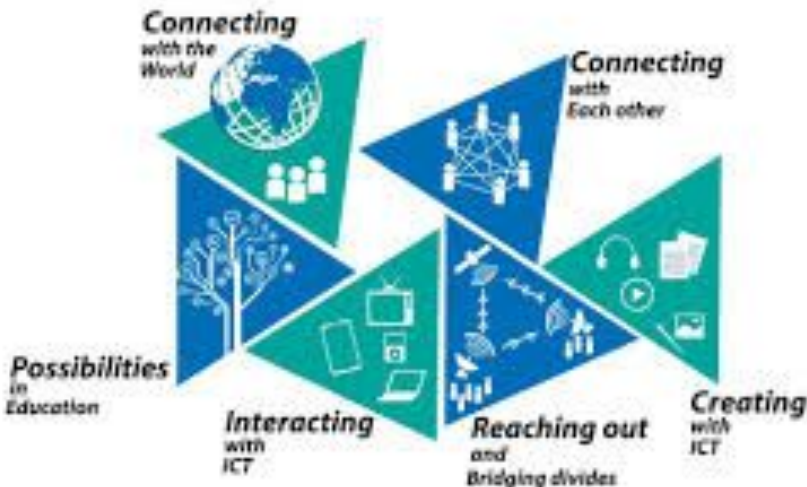- Fostering Innovation and Creativity

Digital Platforms of NCERT

ICT Courses

MIS

Subject Specific Tools

Programming

Software application

Digital Story Telling

Data Analysis

Digital Media

Graphics

Games

ICT for Teaching-Learning

Internet as a Learning Resource

Building Communities and Collectivising

ICT for Educational Administration and Management

Collaborating With ICT

Data Processing & Representation

Social, Ethical, Legal Aspects of ICT

Transacting with ICT

Trouble Shooting

ICT for Evaluation

Assistive & Adaptive Technologies

ICT for Documentation and Communication

Subject Specific ICT tools

Audio Video Communication

Cyber Safety & Security

Connecting with the World

Connecting with Each other

Possibilities in Education

Interacting with ICT

Reaching out and Bridging divides

Creating with ICT

Programming

Graphics

Audio Video Communication

Themes

Data processing and representation

Internet & ICT Environment

Subject Specific Tools

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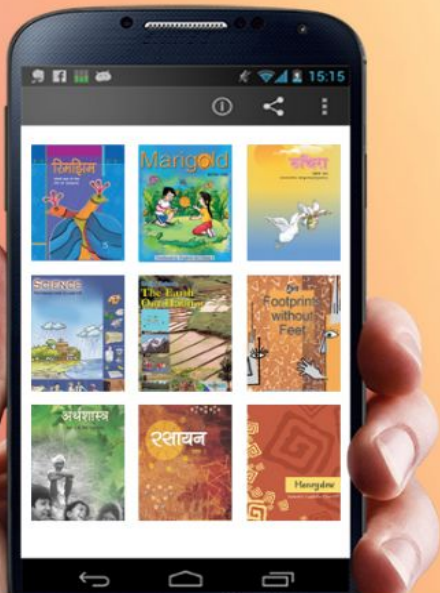
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SAMAGRA SHIKSHA

Ministry of Education
Government of India

Digital India
Power To Empower

National Initiative for School Heads' and Teachers' Holistic Advancement

Integrated Teacher Training Programme for Improving Quality of School Education

Capacity building of 4.2 million teachers

Integrated training of principals/ heads as key academic support

Focus on competency and higher order thinking skills based teaching learning

NISHTHA (Elementary Level) - Face to Face
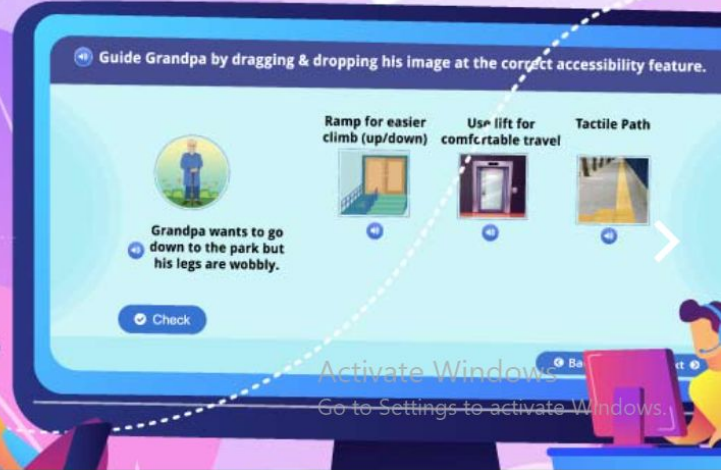
NISHTHA 1.0 (Elementary Level) - Online

NISHTHA 2.0 (Secondary Level) - Online

NISHTHA 3.0 (FLN) For NIPUN Bharat - Online

The
India
Toy Fair 2021

s explore the world
gamified learning

🔊 Guide Grandpa by dragging & dropping his image at the correct accessibility feature.

Ramp for easier climb (up/down)   Use lift for comfortable travel   Tactile Path

Grandpa wants to go down to the park but his legs are wobbly.

✓ Check

Activate Windows
Go to Settings to activate Windows.

http://itfdigitalgames.ncert.org.in/

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Usage metrics

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Download Report
Last updated: 24-Apr-2023

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Go to Settings to activate Windo

*Click on a state/UT for more details

Way Forward

- Personalised Adaptive Learning (PAL) based on Learning Outcomes/Developmental Goals
- Virtual School platform in a blended mode- with synchronous and asynchronous communication.
- AI based Chatbot for education with features of language translation tool, image recognition, text, voice etc
- Strengthening of Learning Management System

- Online Tutoring for personalised learning focusing on 'Just-in+time" interventions.
- Enhancing user experience by improving UI/l IX,/discoverability on DIKSHA.