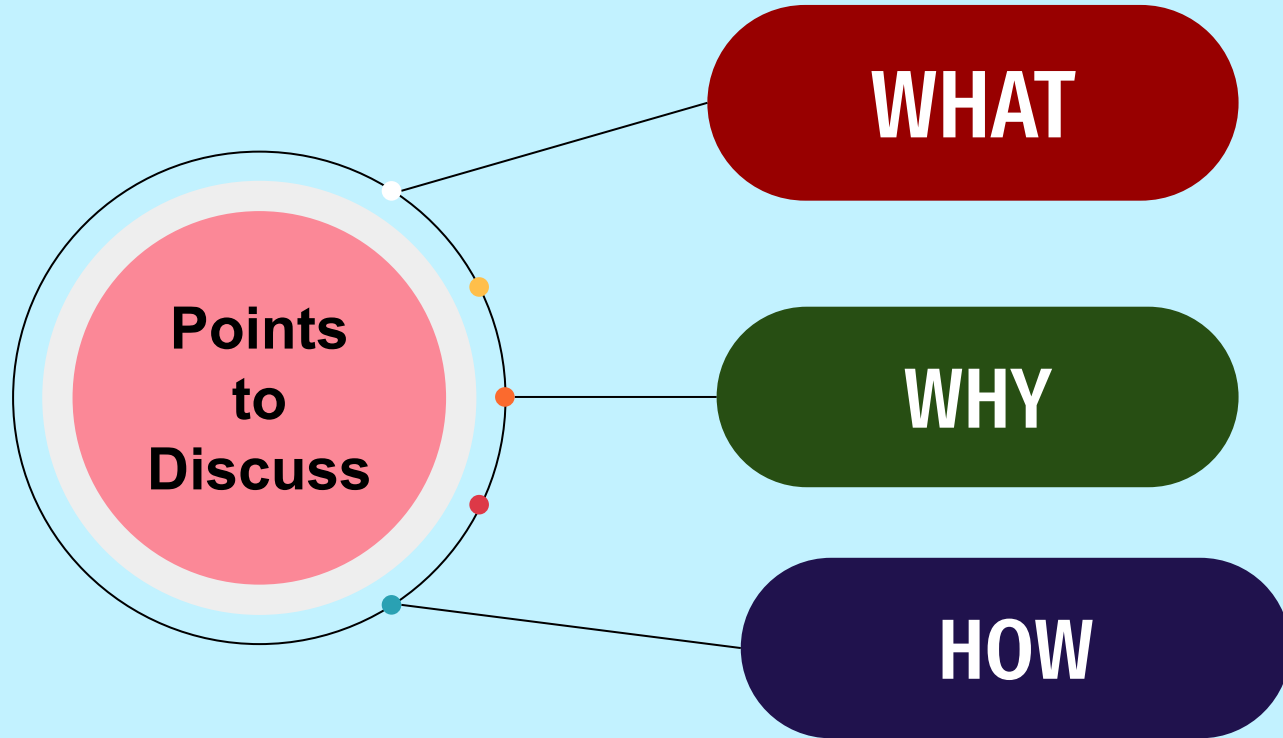


INTERACTIVE RESOURCES: CONCEPT, FORMAT, NEED & SCOPE

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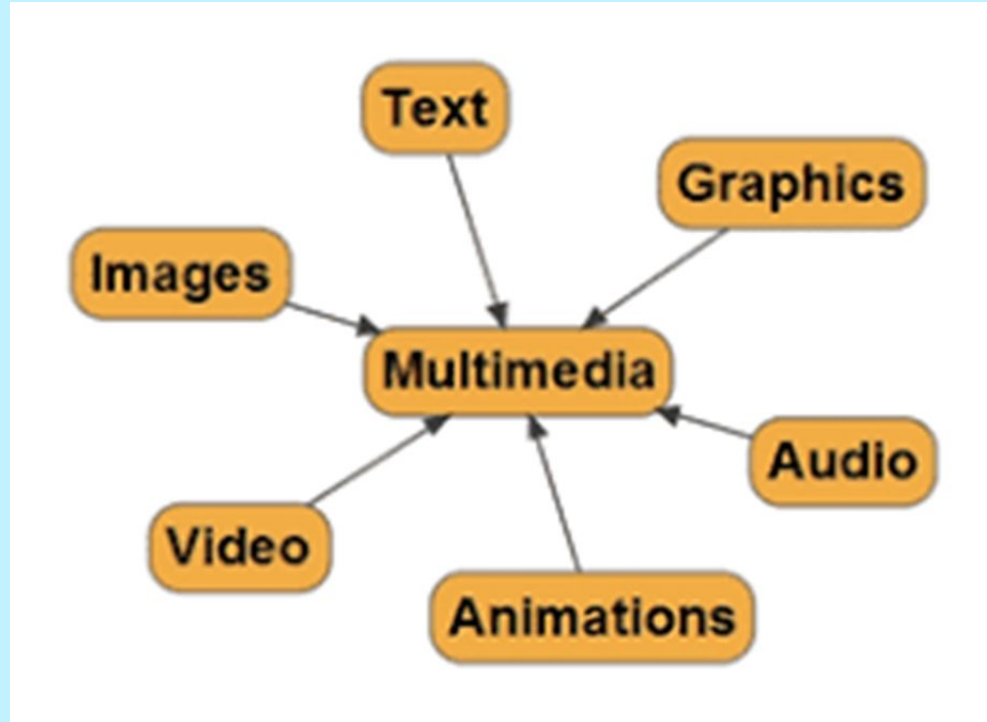
INTERACTIVE RESOURCES IN EDUCATION



What are interactive resources ?

- Interactive resources refer to digital tools, materials, or content that allow users to actively engage with the information or activities presented.
- Interactive media is a method of communication in which a program's outputs depend on the user's inputs. In turn, the user's inputs affect the program's outputs. It refers to the ways in which people process and share information or how they communicate with each other.

Interactive resources is one of the multimedia resources



No Interaction:

Text
Image
Animation
Audio/video

**Limited
Interaction:**

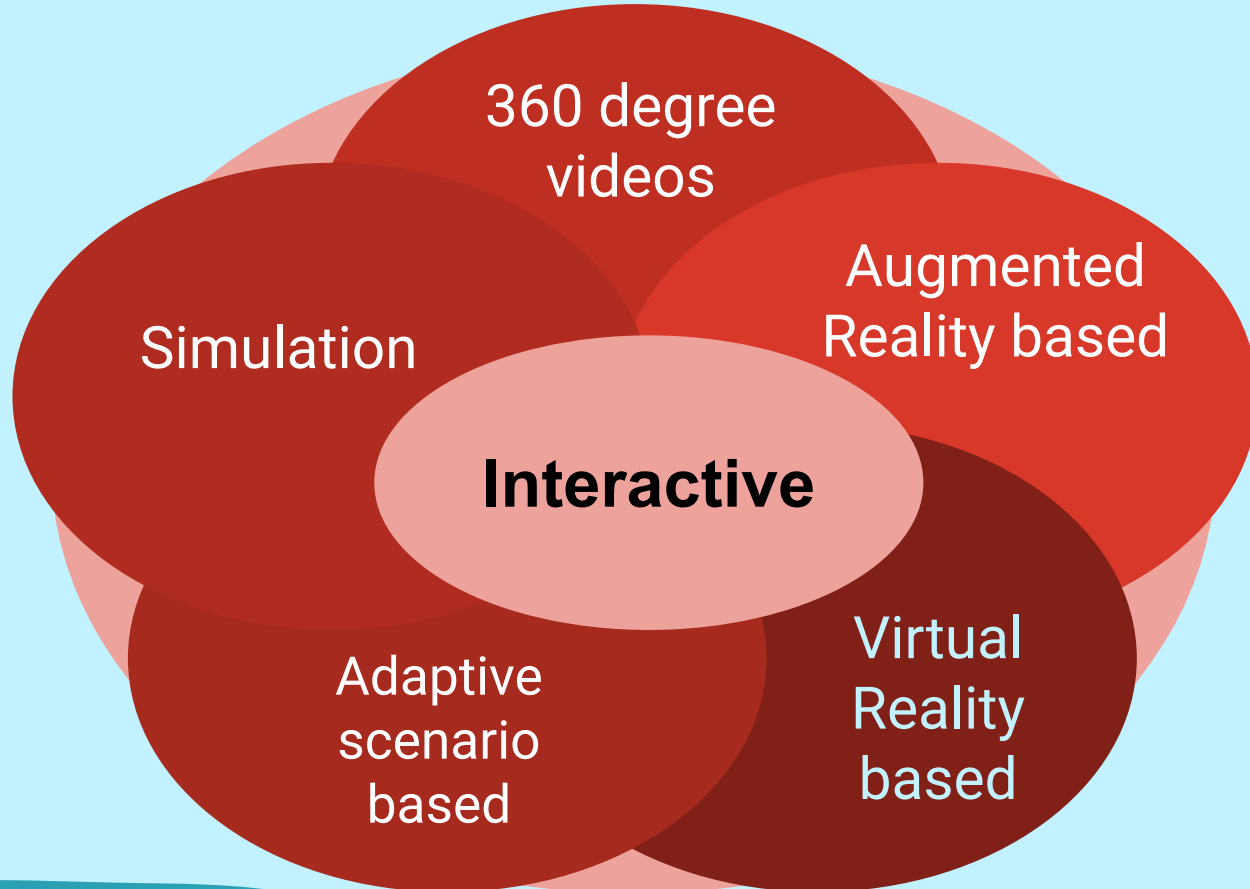
Clickables
**Drag & drop/
matching**
**Basic quiz
questions**

**High
Interaction:**

Simulations
**Branching
scenarios**
AR/VR
Contents

Levels of Interactivity

FORMATS OF INTERACTIVE RESOURCES



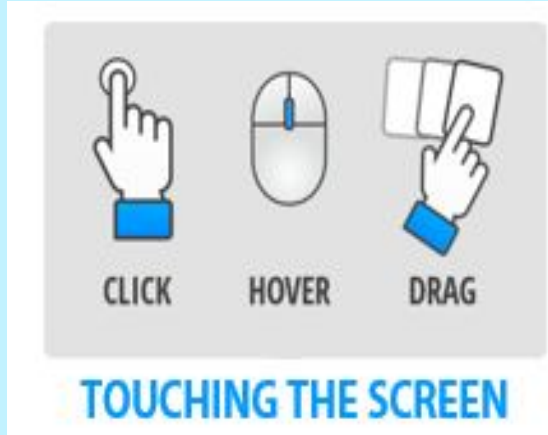
Why do we need interactive resources?

As per NEP 2020 recommendation :

- Child-centered pedagogy
- Engaging classroom
- Experience joy of learning
- Holistic development of learners

Aim for building interactive eLearning

01



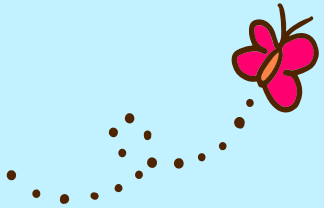
Make them interact with on screen elements.

02



Have them interact with the content to create a great learning experience

Examples



- https://diksha.gov.in/play/collection/do_31337246108940697611309?contentId=do_3134758981580062721415
- https://diksha.gov.in/play/collection/do_31337246108940697611309?contentId=do_3134759031584849921420
- https://diksha.gov.in/play/collection/do_31337246108940697611309?contentId=do_3134518329546833921528
- https://diksha.gov.in/play/collection/do_31337246108940697611309?contentId=do_3134518220641648641728
- https://diksha.gov.in/play/collection/do_31337246108940697611309?contentId=do_3134518356410613761736

- https://diksha.gov.in/play/collection/do_31337246108940697611309?contentId=do_31349553480622080011081
- https://diksha.gov.in/play/collection/do_31337246108940697611309?contentId=do_31349553260167987211080
- https://diksha.gov.in/play/collection/do_31337246108940697611309?contentId=do_31349553803443404812
- https://diksha.gov.in/play/collection/do_31337246108940697611309?contentId=do_3134518273203077121731
- https://diksha.gov.in/play/collection/do_31337246108940697611309?contentId=do_3134518273203077121731

- https://artsandculture.google.com/streetview/ajanta-cave-no-19/twEXcODIXOX-Mw?sv_lng=75.69934017602293&sv_lat=20.55331774417841&sv_h=300&sv_p=0&sv_pid=VkUiAYJYVFcAAAQWjI9Ttg&sv_z=1
- <https://phet.colorado.edu/en/simulations/ph-scale-basics>
- <https://www.aazp.in/live-streaming/>

PROCESS OF CREATING INTERACTIVE RESOURCE

Instructional Design Models



How to create interactive resources ?

