VIDEOBRUSH

LEARNING

GEOMETRICAL FORMS,

COLOURS AND VOCABULARY

BY USING A VIDEOCAMERA

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CONTENT
what is Videobrush?

❑ Videobrush is a method for media education

❑ Moving image is used as a tool for teaching

❑ Media educational content is integrated to school subjects such as maths, arts and languages

❑ The method is targeted to children from 5-9 years of age. It can be also used with older children and groups with special needs.

Educational focus of the method

  ❑ to explore, observe and examine environment by using a videocamera

  ❑ to visually represent reality

  ❑ to learn about geometrical forms and colours and to increase vocabulary

RESULTS
What can be achieved by using VIDEOBRUSH?

SCHOOL SUBJECTS

- ❑ to categorize forms, colours and letters, to increase vocabulary

- ❑ to understand the function and significance of different forms and colours to visual communication and practical usability

COGNITIVE SKILLS

- ❑ to perceive environment actively

- ❑ to put things in different categories and recognise their causal relations

- ❑ to solve problems logically

RESULTS
What can be achieved by using VIDEOBRUSH?

MOTORIC SKILLS

- ❑ understanding one's own body
- ❑ interaction with muscles and senses – movement and coordination, balance, endurance

AESTHETICAL SKILLS

- ❑ to develop own audiovisual handwriting
- ❑ to frame and capture images
- ❑ to represent reality by using cinematic language creatively

FORMS
integrating video to maths

To explore environment by searching objects with different geometrical forms and capture them with videocamera.

Aim is to observe reality and to learn about the functions of forms , visual communication and practical usability.

COLOURS
integrating video to arts

To search objects according to a certain colour and capture them with videocamera.

Aim is to observe the environment and to learn about the significance of colours in the environment and visual communication.

LETTERS
integrating video to LANGUAGES

To search objects according to chosen first letter of the word and capture them with videocamera.

Aim is to explore and observe environment and to increase one's vocabulary and language skills.

CAMERA TECHNIQUE
how to record images?

❑ Find an object you want to record

❑ Take camera approximately 2-5 cm apart from the object

❑ Start recording

❑ Capture 3-5 seconds of footage while holding the camera still

❑ Pull camera backwards so that it reveals the whole object

❑ Stop recording

❑ Choose another object

SCREENING THE FOOTAGE
SOLVING PUZZLES

Puzzle

❑ During the screening teacher may freeze the frame by pressing pause and then let pupils guess which object is in the picture. This works best if the image is paused while it is in close-up and can't be fully seen. When teacher restarts the video image grows wider and the whole object (answer) is revealed .
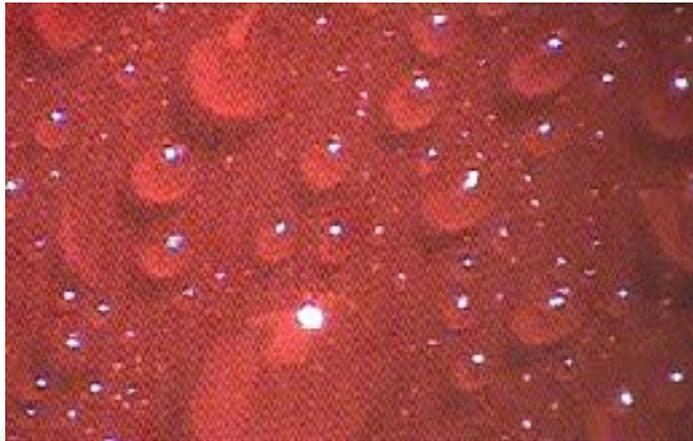
SCREENING THE FOOTAGE
DISCUSSION

Discussion about colours and forms

- ❑ Why does the object have certain colour or form?
- ❑ Could any other colour or form be used instead?

VIDEOBRUSH SET UP
how to implement VIDEOBRUSH?

- Ideal size for the group is 3-5 children

- One group records 10-15 objects

- Each object is recorded in one shot

- Duration of the shot is usually 5-10 seconds

- Each child should record 2-4 shots in rotating order

LESSON STRUCTURE

how to implement VIDEOBRUSH?

FIRST LESSON

- warming up   5-10min

- teacher's demonstration   10min

- recording footage   20-30 min

SECOND LESSON

- screening the footage   30-40 min
- feedback   5-10 min

CONTACT
More information about Videobrush

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