



Creating and Editing Videos

Explaining Units of Learning

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Objectives

- WP 3: short videoclips about units of learnings (schools)
 - From the project application:
 - School partners produces video clips for YouTube showing the implementation of the learning unit in a class
 - Support for other teachers to teach these scenarios
 - The videos will be embedded on the project homepage <https://intrust.info>



Settings - Editing

- Use of the camera of a mobile phone
- Video in landscape format 16:9
- Resolution 4K or at least FHD, 30fps (for timelapse 60 fps)
- Maximum video length 3 minutes
- Software for editing videos:
 - VN video editor – for free
 - As app for iOS and Android
 - As program for the PC
- Free Background music
 - YouTube audio library
 - Epidemic sound €11 per month (monthly cancellation), Licensing for YouTube

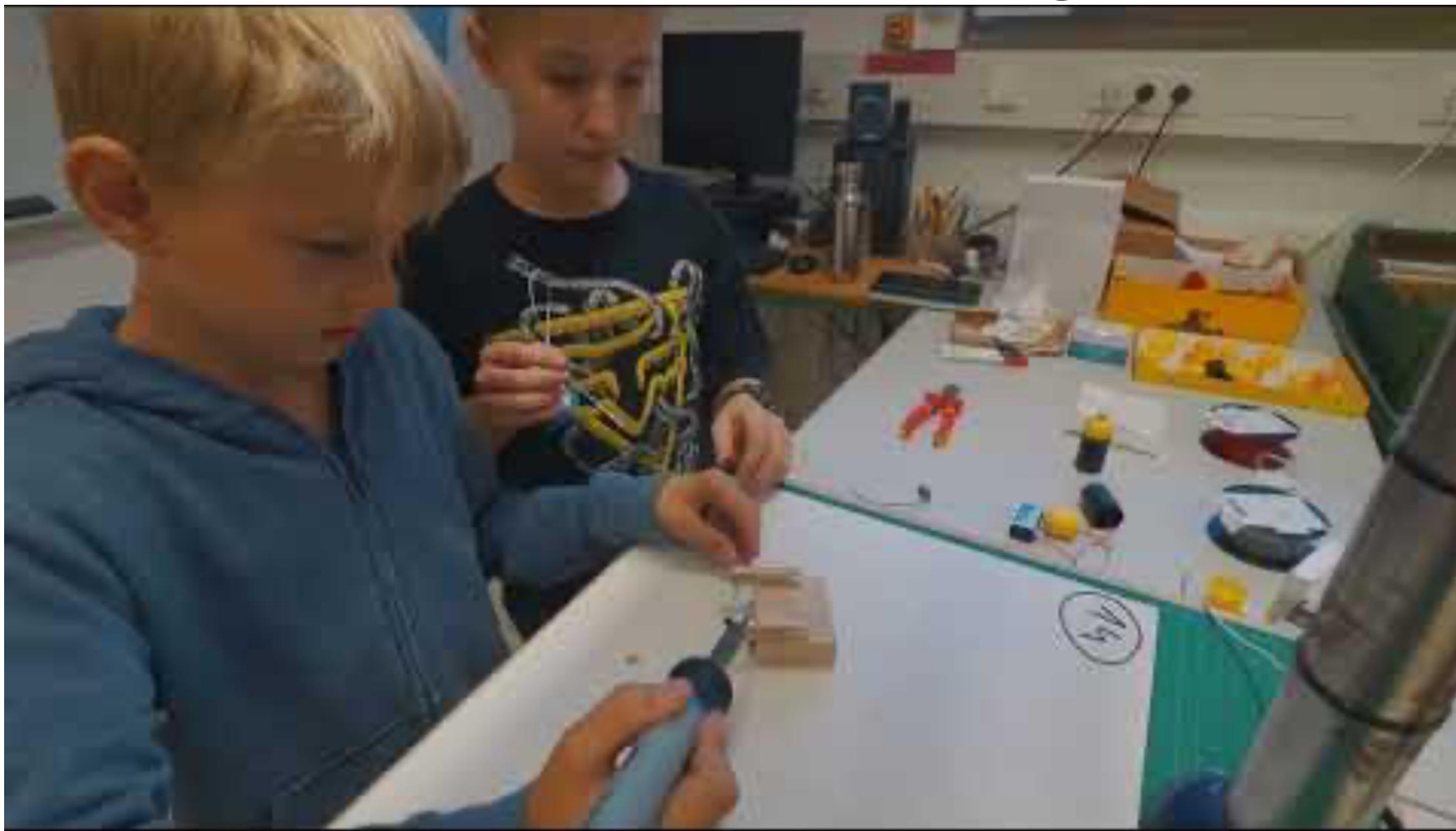


Examples

- Excerpts from a promotional video about the BGS:
- „*BG/BRG Schwechat – the video about the virtual open day*“
- <https://youtu.be/olzqdzfVqO0?si=grnKEQsQ4xQVSsp0>
- Try to count the sequences
 - Example 1: Technic and Design lesson (1:22)
 - Example 2: Chemistry lesson (1:06)



Example 1: Technic and Design Lesson





Example 2: Chemistry lesson





Organisation of the shooting

Options to choose:

- During the implementation of the unit of learning
 - With the support of a second teacher
 - Ask for the pupils' consent
- With selected pupils on another date
- Other ideas?



Script

1. activity of our workshop

- Create a script for your unit of learning
- As example: script for unit of learning „Noise pollution“
 - [Scene 1 – show noisy environments: gym, entrance hall, corridors, traffic]
 - [Scene 2 – show students with smartphones measuring sound]
 - [Scene 3 –data collection and group discussions]
 - [Scene 4 – from data to findings - show charts, presentations, students explaining findings]
 - [Scene 5 – positive classroom atmosphere, students presenting proudly]



Storyboard

2. activity of our workshop

- Visualisation of the script
 - Translation of the written script into a sequence of images
- Planning and organisation:
 - It breaks the film down into manageable sequences and shots, which ensures that all the important elements are considered.
- Communication and coordination
 - Serves as a central visual reference point
- Technical details
 - Each sketch can contain notes on camera settings (e.g. close-up, wide angle), and necessary actions.



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Storyboard Show – Don't Tell

Jessica Frank



A Storyboards is



..... a series of illustrations that function as a visual roadmap for a film, animation, or other media project,



.....communication tool for the production team, breaking down the narrative into visual panels that include drawings or images of each shot



.....visualize the story's flow, define the production's visual style, and plan for the filming or animation process

SHOW – DON'T TELL

‘Don’t **tell** me the moon is shining. **Show** me the glint of light on broken glass,’ Anton Chekhov once advised.

➔ Understanding the shown images without Explanation!

➔ Keep it simple



tell



Don't have a character say,
"I'm sad after a breakup."



Don't have a character say,
"I'm filthy rich. I'm worth \$2 billion."



Don't have a character say,



show



Show the character
moping in bed, not
answering the phone, etc.

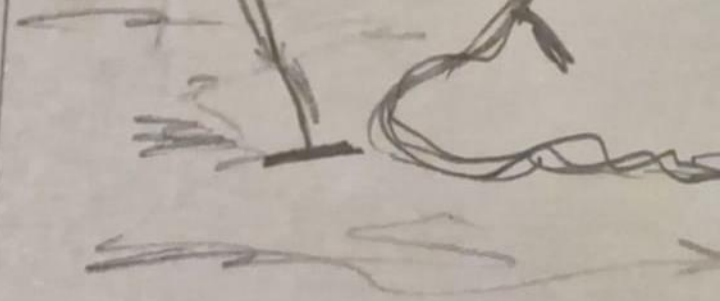
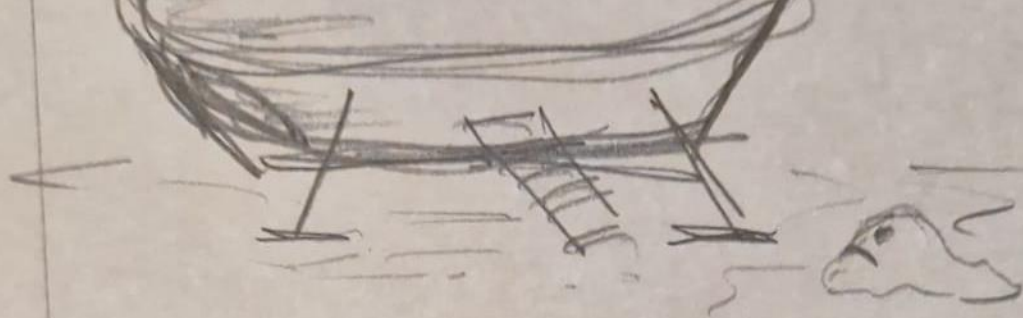


Show a character's wealth
through an expensive
home, reckless spending,
etc.



Demonstrate a character's

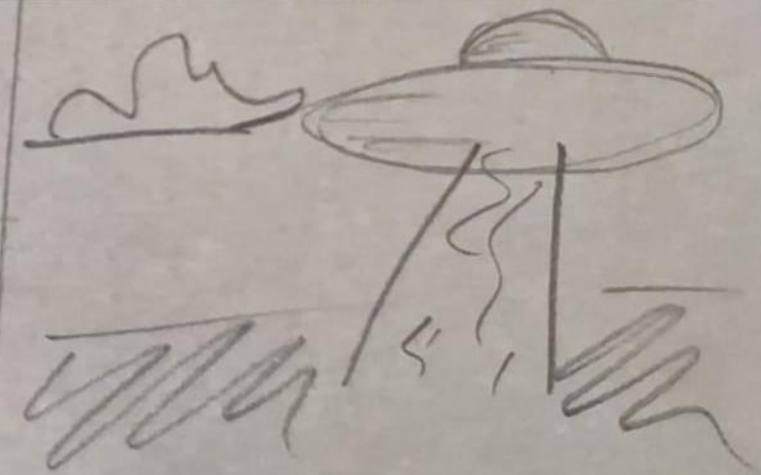
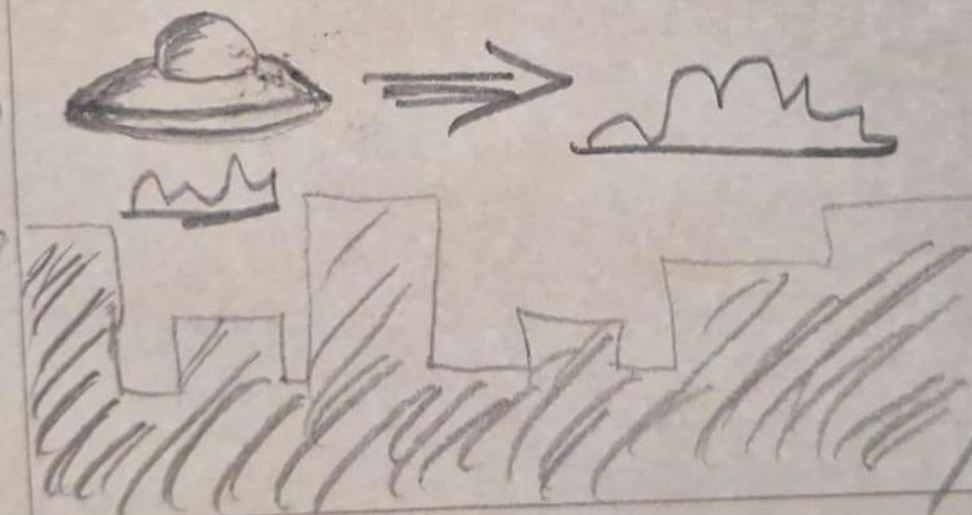
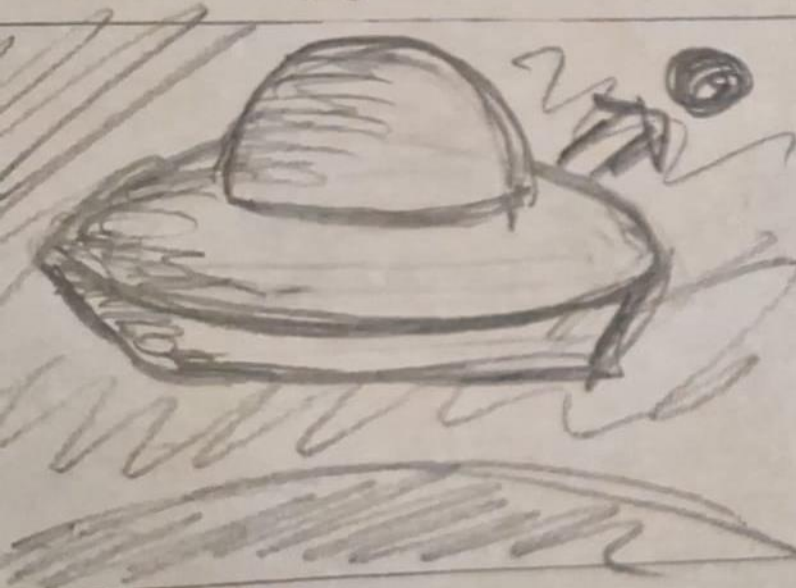
MARS



TITLE SCREEN
TAKE FROM BLACK 6s.

SPACE SHIP ON SURFACE 4s.
ON MARS

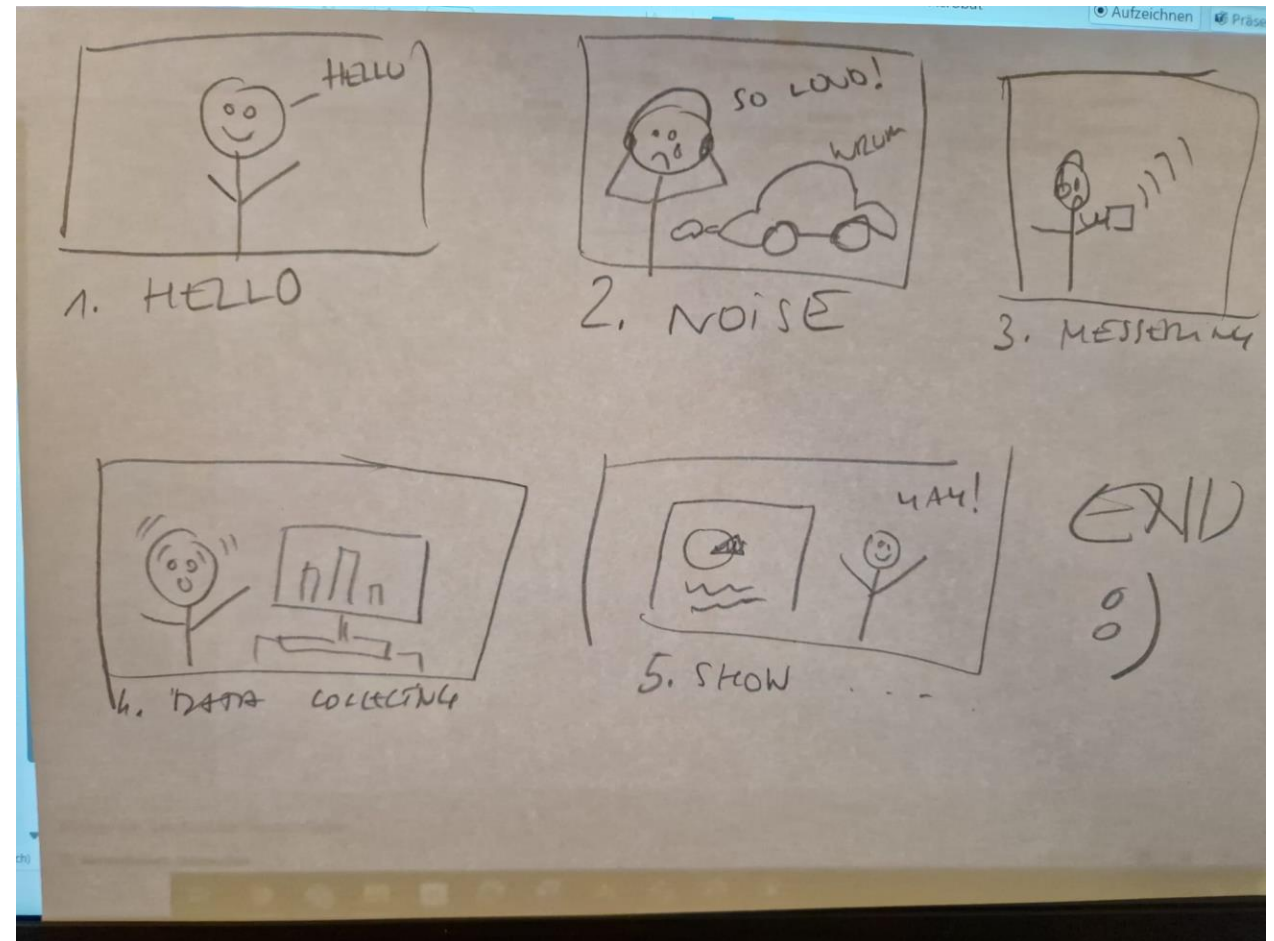
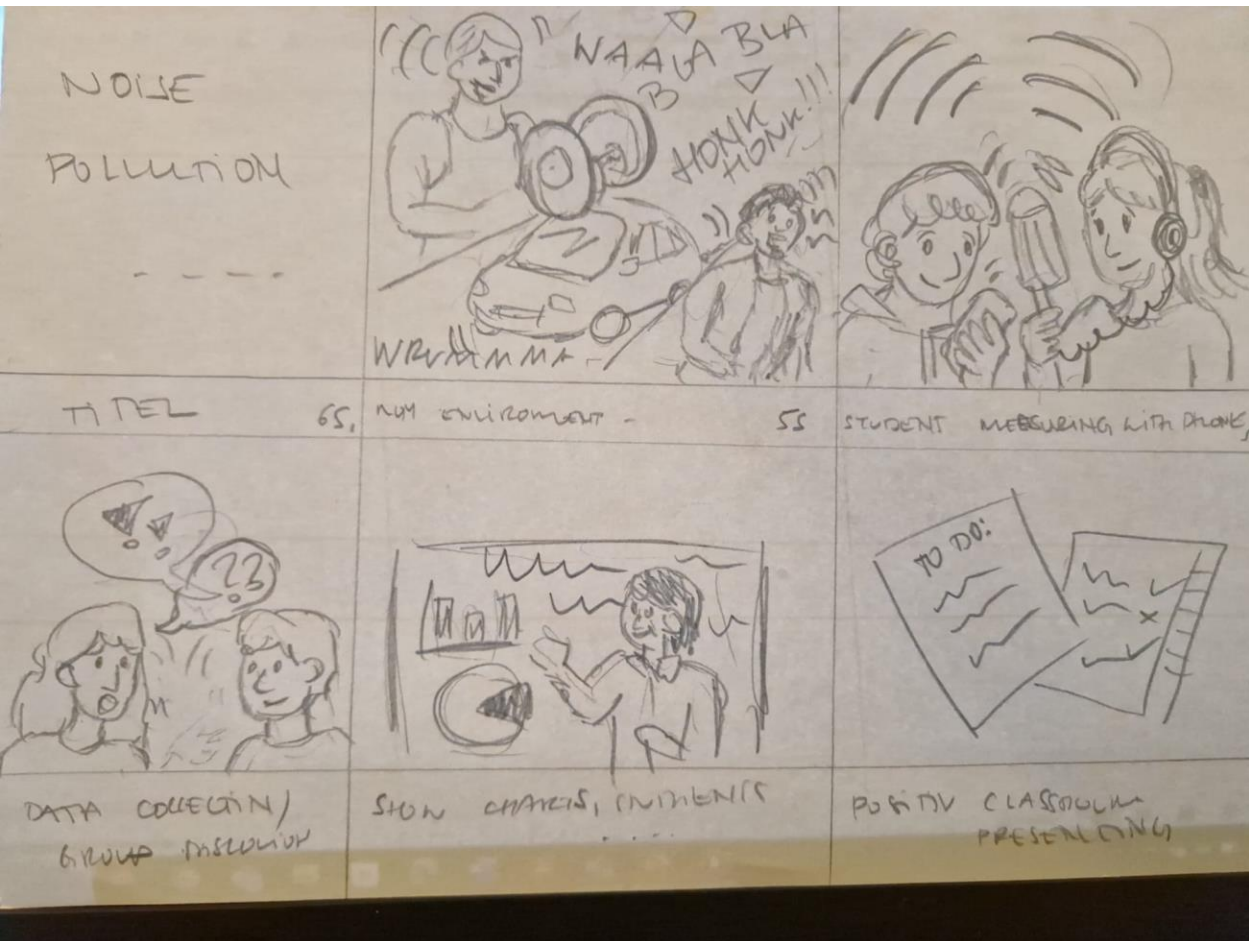
ALIEN ENTERS 4s.

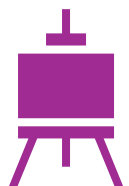


SPACE SHIP 5s.
HOVERS FOR
A MOMENT
FLYS AWAY

SPACE SHIP 10s.
FLYS OVER
EARTH

LIFTS UP 5s.
DOWN...





Explainer Video
(Canvas, simple
show...)



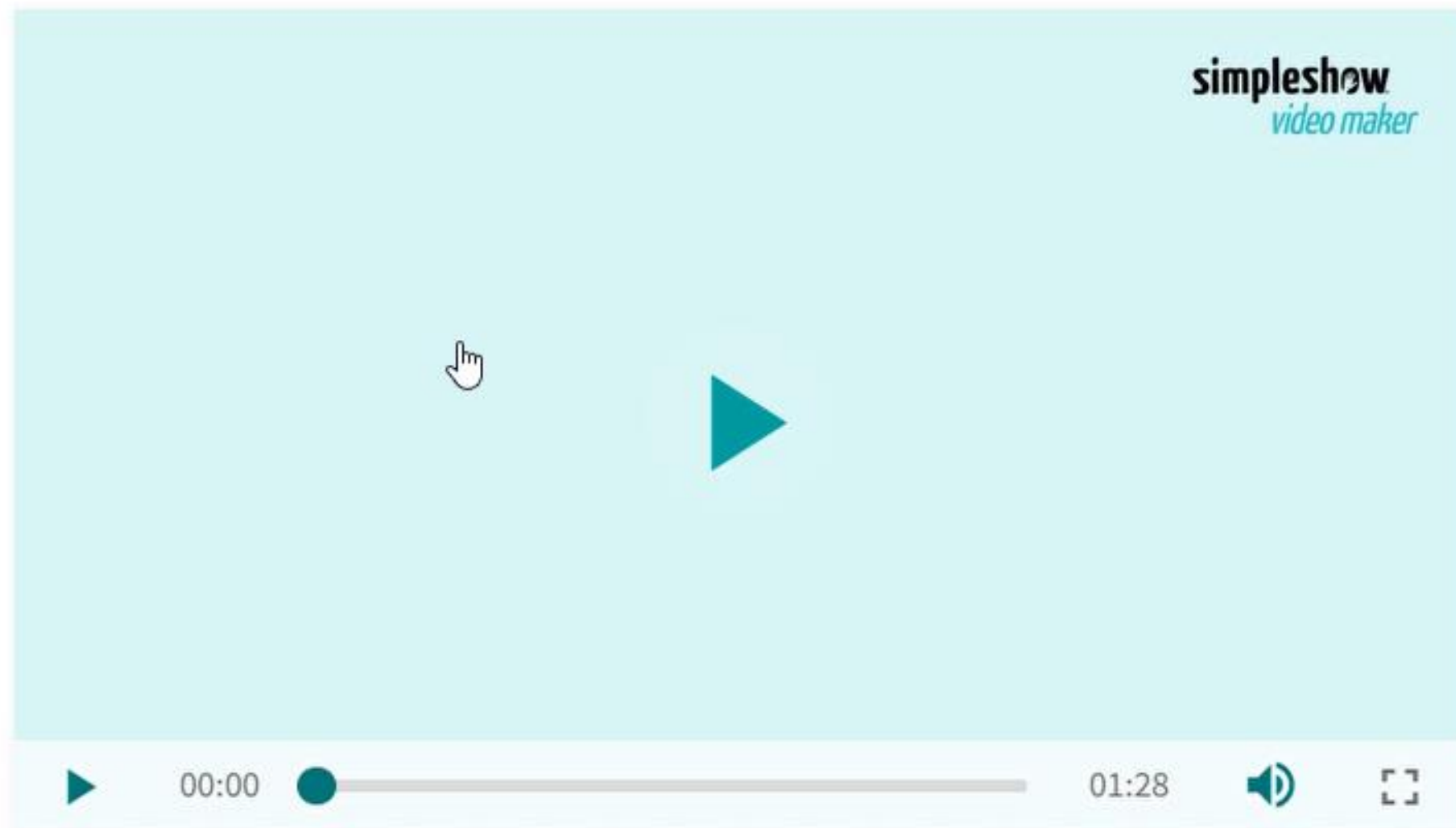
Motion Picture



Animation Video (
Drawings ect...)



.....



- <https://videos.simpleshow.com/7U0H23Bqqr>

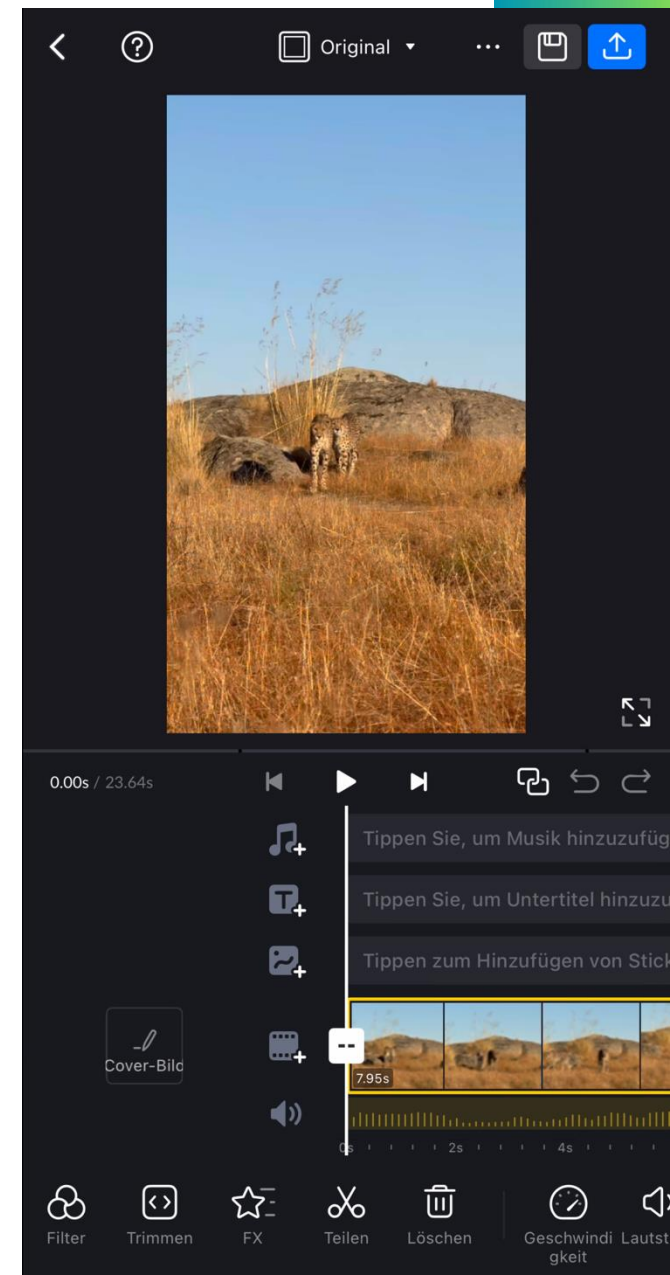


Editing with VN video editor (1)

- App for iOS and Android (free)
 - Go to the App store and search for „VN video editor“
- Program for Mac and Windows
 - Go to <https://www.vlognow.me>
 - Tutorial on YouTube
https://youtu.be/_5x8Jk6DE24?si=E_oSm_Tr0QdNukTt
- Quick start
 - Click „+“ (right corner) and „New Project“ and „Video based“
 - Choose „Video“ and scroll the video mediathek of your phone
 - Choose the clips and add them (arrow in the right corner“

Editing with VN video editor (2)

- Work with the video-, text- and music tracks to create the video
- Use the icons at the bottom of the screen to cut, trim, delete, etc.
- Scroll right with the icons and choose „Volume“ to adjust the sound of the audio
- Scroll right with the icons and choose „extract Audio“ to separate the original audio track from the video track



Editing with VN video editor (3)

- Scroll right with the icons and experiment with other tools (e.g. speed, FX (transitions), ...)
- Be cautious with too many effects
- Use the icon in the top right corner to save your project
- Use the icon in the top right corner to export your finished project
- Choose „Manuel“ to adjust the quality of the video
- Choose HDR, Resolution 4K, FPS 60
- After clicking „Export“ the video is saved to your mediathek

