

### USAGE IN CLASSROOM

- Work with information
- Camera usage - movie, picture
- Physics Apps
- Internal and external probes

### CHANGING STEP BY STEP

#### METHODS AND STRATEGIES

- ITC technology is not working with old methods
- New technology call for a “new methods and strategies”
- Different level of each teacher – IBL, ICT
- New technologies give us new possibilities

#### BUILDING STEP BY STEP – MOVIE OF THE EXPERIMENT

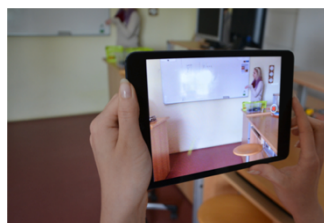
- Movie of the experiment and sharing via Google Drive
- Right terminology and physics explanation
- Background of the movie, angle, tripod, camera - FullHD,
- Movie with title and subtitles, background music
- General ability to create movies - biology, chemistry, language, self presentation

### WIRELESS SCREEN MIRRORING

- Apple TV - for Apple devices
- Miracast - new standard for Wireless mirroring
- Based in Wi-Fi standard - Wi-Fi Direct, (All Share Cast...)

### CAMERA USAGE

- Making movies
- Videoanalysis
- Video feedback
- Microscope (high-resolution)
- Size measurement from picture



### INTERNAL AND EXTERNAL PROBES

- Accelerometer
- Teslameter
- Luxmeter
- Battery - voltage, temperature
- Vernier probes + LQ2
- Pasco probes
- Bluetooth probes
- Jack-in - Thermadoo

### TECHNICAL SUPPORT AND BACKGROUND

- School network and its stability
- School Wi-Fi, Hotspots
- Tablets management
- Apps installation

## IOS (IPAD)

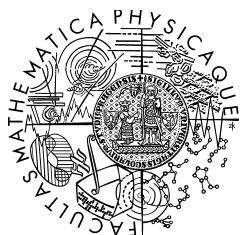
App's name	Free/Paid
Graphical (Vernier)	Paid
Video Physics (Vernier)	Paid
WolframAlpha	Paid
Particles	Free
Cardiograph	Free/Paid
The Elements	Paid
Elements in Action	Paid
TED	Free
Algodoo	Free
Tone Gen.	Free/Paid
MyScript Calculator	Free
Geogebra	Free
Wind Tunnel	Free/Paid
Khan Academy	Free
Solar Walk	Paid
SkySafari	Paid
Measure	Paid
Ruler	Free
SPARKvue	Free/Paid
MyScript Notes Mobile	Paid
MathPad	Free
Explain Everything	Paid
<b>Other interesting Apps</b>	
Google Disk	Free
Dropbox	Free
Find iPhone	Free
Prezi	Free
Keynote	Paid
Numbers	Paid
Pages	Paid
WolframAlpha's Apps	Paid
Google Earth	Free
Microsoft Office	Free/Paid

## ANDROID

App's name	Free/Paid
AndroSensor	Free
Sensor Kinetics Pro	Paid
Google Sky Map	Free
MyScrip Calculator	Free
Cardiograph	Free/ Paid
WolframAlpha	Paid
Geogebra	Free
Physice Sandbox	Free
Pro Audio Tone Generator	Free
Vibrometer	Free
TED	Free
Metal Detector	Free
Graphical (Vernier)	Paid
SPARKvue	Free
WindTunnel	Paid
MyScript Notes Mobile	Paid
Explain Everything	Paid
Graphical (Vernier)	Paid
Smart Tools	Paid
<b>Other interesting Apps</b>	
OruxMaps	Free
Kingsoft Office	Free
Disk Google	Free
WolframAlpha's Apps	Paid
PDF Viewer	Free
FlashLight	Free
Dropbox	Free
Wifi Analyzer	Free
Google Earth	Free

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EVROPSKÁ UNIE

MINISTERSTVO ŠKOLSTVÍ,  
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