



*Educational flexible and creative environments*

**FORM TO DESCRIBE EFELCREN ELEARNING MATERIALS  
to be attached to each material by the teacher(s) who realized it**

(aim of this information is to help other teachers to re-use your product:  
please be clear, precise and concise)

Title of the product:	Sauna Scoop
Proposing teacher(s) and country/ies:	mr Laukkanen Olli, mr Liski Harri, mr Pitkänen Hannu, mr Turpeinen Seppo Finland
Original language/translations available:	Finnish/English
Type of material (more than one category can be selected):	<input type="checkbox"/> Conceptual Map <input type="checkbox"/> Webquest or Treasure hunt <input type="checkbox"/> Interactive activity (game, quiz, test, simulation, etc) <input checked="" type="checkbox"/> Creative use of media (video, graphics, animation, etc.) <input checked="" type="checkbox"/> Hypermedia document (various kinds of presentations, like web sites, powerpoint etc., and with different aims) <input type="checkbox"/> Other: _____
Making reference to the above categories, please specify what kind of product it is:	Scoop is a digital video about making a sauna scoop. The final video is a RichMedia product where users can freely navigate from one phase of the working process into another by clicking on the titles of the power point presentation on the screen. The video shows in concrete steps how a sauna scoop was made in technology education of primary school pupils. Teachers can use it as a start shot for a working process of pupils who make a sauna scoop in their technology lessons. The video can also be adopted in training of teachers and student teachers for technology education.
Concise Description of the content:	Multimedia presentation about making Sauna Scoop
Educational aims:	<p>To learn how to make a Sauna Scoop. Learn following techniques: metal cutting, metal filing, copper sheet embossing, metal hammering and twisting, metal boring, spray painting and setting a rivet.</p> <p>These techniques are included in handicraft</p>

	teaching curriculum in Finland.
Students are expected to learn	<input checked="" type="checkbox"/> by using the product <input type="checkbox"/> by developing the product
School level and grade:	Primary School (ages 10-13)
Topic(s) addressed:	Handicraft Metal work
Work mode (e.g. individual, in small groups or what else)	Computer aided learning with teacher in small groups and improving individual work
Context in/for which the product was realized:	Sauna scoop video was made by teachers during extra hours. It is aimed to help teachers work in class situation with big groups. It was developed for all students.
Time required:	1-4 person used: - Planning and manuscripting, 2 day - Filming, 1 day - Music making, 1 day - Editing, 3 days - Making Producer version, 2 days - Translating and text making, 2 days - Transferring files to internet, 3 hours - Application testing with pupils, 6 hours
Technological tools used for the product realization:	For end users: - DVD-player and television - or computer with Media Player or comparable software -With our internet application you need Internet Explorer or Netscape Navigator.  For making this kind of application: - Digital video recorder - External microphone - Computer - Drum computer, music instruments Software: - Kristal (program for audio recording with computer) - Pinnacle studio 9 (video editing software) - Word - Powerpoint - MS Producer (multimedia extension for Power Point) -FTP-program for transferring files to internet
Technological tools that can be used in alternative (general features or functions):	- Video editing: lots of choices, for example with Windows XP comes Movie Maker - For music production there is lots of choices, for example Pro Tools, Cubase, Cakewalk, Logic... Kristal is free for educational and non-commercial use
Software necessary for its fruition:	-Video editing program -Power Point with Producer (or some other

	multimedia production tool)
Format and total size of files (Mb)	24 Mb
Realization phases (with teacher's role and reference files if necessary):	<ul style="list-style-type: none"> <li>- To watch the video 8.40 minutes</li> <li>- To make a Sauna Scoop, approximately 8 hours</li> </ul>
Considerations at the end of the experience:	<ul style="list-style-type: none"> <li>- The project has been laborious, yet productive</li> <li>- Pupils liked it, teacher find it helpful</li> </ul>
Characteristics on which the educational potential relies, to be preserved when transferring the product to a different school context:	<ul style="list-style-type: none"> <li>- Gives teacher more time to help the pupils that are not self-reliant</li> <li>- Motivates self-reliant pupils</li> <li>- Chance to watch many times each work phases</li> </ul>
Further considerations, if any:	