

## Bliss Grid

### Examples of a complex grid set for communication and writing

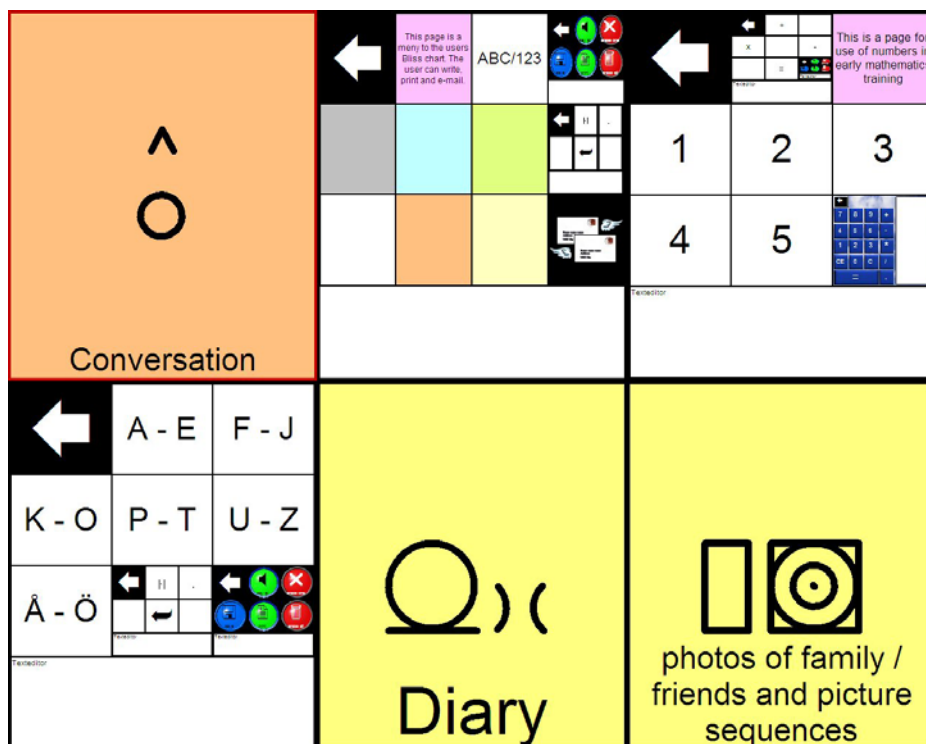
This aim to be:

1. A grid set covering several communication needs of a user of augmentative and alternative communication (AAC).
  2. Possible to adapt to the users skill level. The amount of cells/choices and the size of target must be individually adapted after the user's cognitive skills and eye gaze performance.
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





### How does the grid work?

This more complex grid set for an AAC user is designed for a school child who is a skilled bliss user, but has problems targeting small objects. Therefore the grid set is designed with several menus and levels. It contains six different areas:

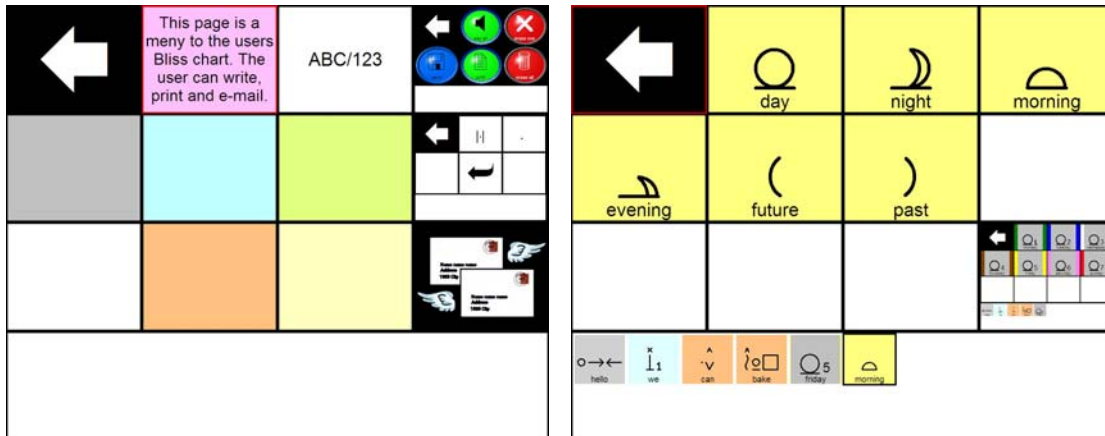
1. A simple grid for quick conversation.
2. A complete grid set for writing with bliss symbols.
3. A grid set for introduction of mathematics.
4. A grid set for introduction of literacy.
5. A grid containing a simple diary.
6. A grid set with different ways of using photos.



This is the menu grid with six different areas.

	<p>This is a grid for short messages/conversation. The messages are formulated together with the user.</p>	
 <p>Hi, how are you?</p>	 <p>Can you help me?</p>	 <p>Wait a moment.</p>
 <p>I want to do something else!</p>	 <p>Will you please leave me alone.</p>	 <p>Thank you.</p>







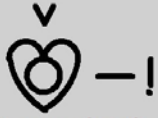










1. A simple grid for quick conversation with teachers or classmates which can be performed parallel with the writing.



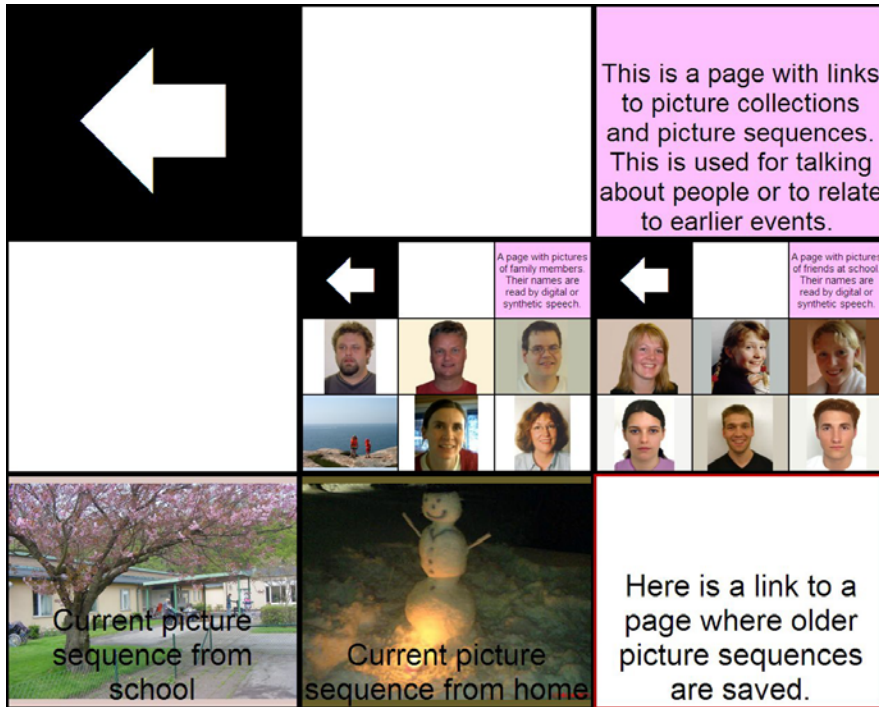
2. A complete grid set for writing with bliss symbols. This also includes the possibility to write e-mails. This grid set must correspond with the users low tech AAC system and use the same symbols and categories so that the user can use both systems with ease. This also helps during introduction of the grid set and makes it easier for the user to navigate in a complex structure.

←	A - E	F - J												
K - O	P - T	U - Z												
Å - Ö	<table border="1"> <tr> <td>←</td> <td>H</td> <td>.</td> </tr> <tr> <td></td> <td>↶</td> <td></td> </tr> </table>	←	H	.		↶		<table border="1"> <tr> <td>←</td> <td>undo</td> <td>erase one</td> </tr> <tr> <td>redo</td> <td>list</td> <td>erase all</td> </tr> </table>	←	undo	erase one	redo	list	erase all
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4. A grid set for introduction of literacy. Here the letters are categorized in groups to be able to have larger targets. This means that the user must hit two keys for choosing one letter- first the group, and then chose the letter.

	 <p>Today I</p>	<p>This is a grid for writing a short diary of the school day. The middle row is changed every day so the activities are of current importance.</p>			
 <p>worked with the computer.</p>	 <p>had mathematics.</p>	 <p>had cake.</p>			
 <p>It was fun.</p>	 <p>It was boring.</p>				
<table border="1"> <tr> <td>  <p>Today I</p> </td> <td>  <p>worked with the computer.</p> </td> <td>  <p>it was fun.</p> </td> </tr> </table>			 <p>Today I</p>	 <p>worked with the computer.</p>	 <p>it was fun.</p>
 <p>Today I</p>	 <p>worked with the computer.</p>	 <p>it was fun.</p>			

5. One grid contains a simple diary. The options here have to be changed before each session so that they consist with what happened during the day.



6. A grid set with different ways of using photos. The user has the possibility to look at/talk about different groups of photos e.g. classmates. There is also a possibility to use photos from the weekend or a school trip and help the user put together a slide show with speech synthesis which can be useful in class.

### How were these grids made?

The grid set was made in Rolltalk Workshop, but other communication software offer similar possibilities.

### Download

This grid set can be downloaded from the COGAIN website but can only be used if you have a licence or a demo of Rolltalk Workshop.

[http://www.cogain.org/user\\_involvement/exemplars/writing-and-computer-control](http://www.cogain.org/user_involvement/exemplars/writing-and-computer-control)