A communication material for children – in Rolltalk Designer
The project found inspiration and background information from:

Early Intervention
for young children with autism, cerebral palsy, Down syndrome, and other disabilities

Janice Light & Kathy Drager
Pegasus
Interaction, Play and Communication
Main menu

- Aktiviteter
- Sanger
- Bøker
- Rim og regler
- Eventyr
- Annet
15 activities

- Ansikt
- Ball
- Ballonger
- Bondegård
- Borte - titt tei
- Bygge tårn
- Dyrelyder
- Farger
- Hva er det?
- Hvor stor er du?
- Kile - kroppsdelar
- Posisjoner
- Såpebobler
- Tegne
- Tegne menneske
More than 20 songs

- Bake bake søte
- Bjørnen sover
- Bæ bæ lille lam
- Du har to øyne
- En elefant kom marsjerende
- Er du veldig glad og vet det
- Hjulene på bussen
- Hva sier den kua
- Hvilken dag er det i dag
- Lille Petter edderkopp
- Lille pusekatt
- Med kroket hale
- Mikkel rev
- Per Olsen hadde en bondegård
- Ro, ro til fiskeskjær
- Ro, ro, ro din båt
- Bukkene bruse
- Se min kjole
- Seks små ender
- Tre små fisk
- Olle Bolle
- Hokus og pokus
Pegasus
Interaction, Play and Communication

More than 30 books
Rhymes

Banke på døren

Panneben

Tommeltott

Tittil, tottil

Fem små apekatter

Fairy tales

Aabjørnsen og Moe
De tre bukkene Bruse
som skulle til sjøen før å gjøre seg lite
tilsatt av Anne Strøm

Gullhår

Illustrert av Kari Strøm
Individual adaptation

• Select which content to use
• Choose level and layout for each activity/book/song
• Use personal pictures
• Do all the changes directly in Pegasus
  – No need for mouse and keyboard
  – No traditional editing mode
  – Minimal need for training before startup
Create Visual Scenes

- Readymade templates for 15 visual scenes
- Use own pictures and symbols from symbol libraries
- Place and adjust transparent fields on top of the main picture
- Record sound
- Use on screen or print and use on paper

Everything directly from Pegasus – no editing mode
• 11 children from 11 months to 3 years
• Guiding the environments
• Response from the environment was essential for the program’s design and content
• Booklet, DVD and website
• The facilitator is essential
  – The child’s skills were not the key factor for Pegasus to be a helpful aid in play and for communication
• Pegasus is not a speech-training tool!!!!!!!
• Communication and playing with help from Speech Generating Device is not intuitive
• Pegasus gave the child increased status in the children's group
• Early start is important
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Interaction, play and communication

Pegasus

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Ver. 04.09.2014
BOOK: Where is Maisy?

Visual Scene display «Hotspots» to activate - open and close

Hybrid (VSD with symbols)

Hybrid with «more words»

More words:
Generic book reading vocabulary
(C. Musselwhite)
Choose between 9, 16 and 32 words

Reading together

Grid
PEGASUS
Researchers from Penn State University have achieved positive results when implementing VSD’s early, along with a gradual transition to the more traditional symbol grids. Our Norwegian material is based upon the same principles. Pegasus is the result of a project, between Statped (the national support system for special education), a local Child Habilitation Centre (Health sector) and Abilia (a company developing AAC systems) with contribution from 11 toddlers with complex communication needs and their communication partners. The research has also shown that children learn to communicate and use language best when actively participating in play with others, and not just by being passive spectators. Pegasus gives the child an active role in the communication, an early start on interaction and play and an entrance to the Norwegian children’s culture. All this through a collection of Norwegian children’s songs, books and adventure, activities and rhymes. Pegasus can easily be adapted by using personal photos, and each activity, book, song etc comes in different versions with both visual scenes, hybrids and grids.

Pegasus for whom?
Pegasus is designed for children who are at a stage of development equivalent to approximately 9 months to 3 years. The program does not require that the child has specific skills.
PEGASUS provides the child
- An active role in the communication
- An early start on interaction and play
- An entrance to the Norwegian children’s culture through a collection of Norwegian books, songs, fairy tales, activities and rhymes