## University of Huddersfield Repository

Taylor, Andrew and Lowe, Peter

Collaborative CoVE Projects for Digital Design in FE Teaching and Learning

**Original Citation**

Taylor, Andrew and Lowe, Peter (2003) Collaborative CoVE Projects for Digital Design in FE Teaching and Learning. In: The Impact of Research on Success in Learning', &#65533;3rd Annual Regional Conference of the Yorkshire and Humberside&#65533; Learning and Skills Research Network, 4th July 2003, University of Leeds, UK.

This version is available at http://eprints.hud.ac.uk/id/eprint/22179/

The University Repository is a digital collection of the research output of the University, available on Open Access. Copyright and Moral Rights for the items on this site are retained by the individual author and/or other copyright owners. Users may access full items free of charge; copies of full text items generally can be reproduced, displayed or performed and given to third parties in any format or medium for personal research or study, educational or not-for-profit purposes without prior permission or charge, provided:

- The authors, title and full bibliographic details is credited in any copy;
- A hyperlink and/or URL is included for the original metadata page; and
- The content is not changed in any way.

For more information, including our policy and submission procedure, please contact the Repository Team at: E.mailbox@hud.ac.uk.

http://eprints.hud.ac.uk/

# Collaborative CoVE Projects for Digital Design in Teaching and Learning

**'The Impact of Research on Success in Learning',**
3rd Annual Regional Conference of the Yorkshire and Humberside
Learning and Skills Research Network, University of Leeds, 4th July 2003.

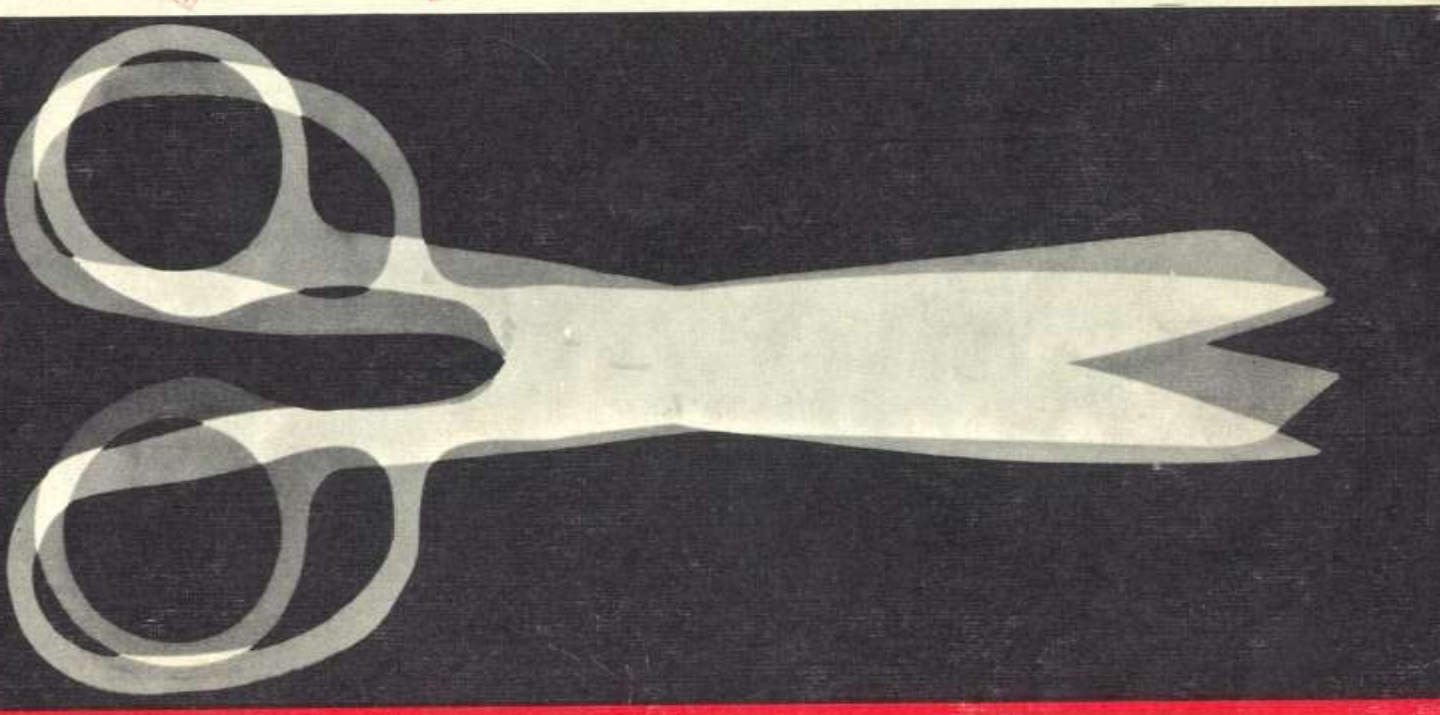
Andrew Taylor & Peter Lowe
CoVE Centre of Vocational Excellence in Digital Design
Batley School of Art & Design,
Dewsbury College. West Yorkshire. UK

# Content of Workshop

- What are CoVEs ?
- The Batley School of Art and Design CoVE in digital design
- Collaborative UK CoVE colleges fashion design project
- Future Projects

# CoVEs: What are they?

3
4
5



# Collaborative CoVE colleges fashion design project

- Batley School of Art & Design
- Chesterfield College of Art & Design
- London College of Fashion

# Aims of the project

- To increase learner awareness in digital technologies
- To develop co- creative learning experiences in digital tools for Fashion and textiles
- To encourage wider participation in learning and teaching through CoVEs
- To create more opportunities in FE using high quality 3D CG/ CAD/CAM tools in CoVEs

# Visits between Colleges

- Small groups visited respective colleges
- Increased awareness of CoVE development
- Shared input into FE courses

# Batley School of Art & Design
# CoVE in Digital Design

# Chesterfield College CoVE

# London College of Fashion CoVE

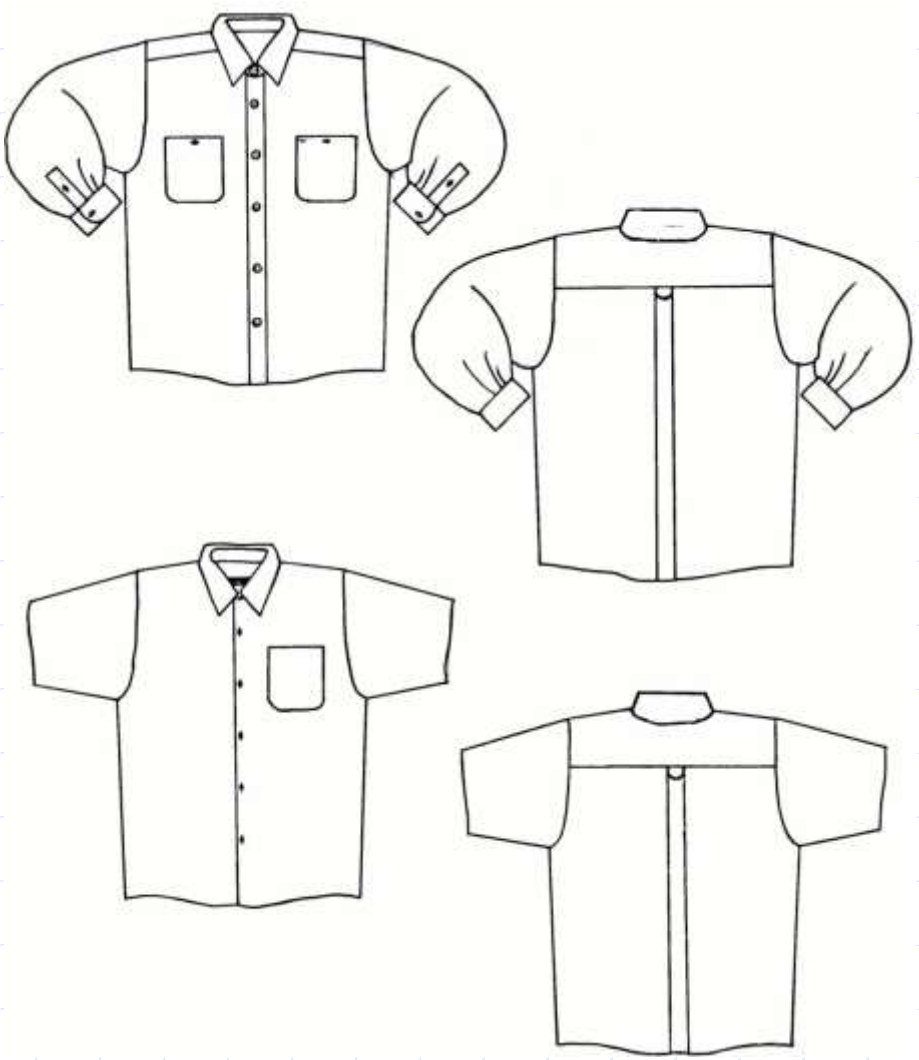
# Staff Development Workshop at BSA&D

- Applications of Blackboard e-learning tool
- Introduction of London Institute Virtual Gallery
- Visit Fashion Design Summer Schools
- 3D cloth animation/virtual catwalk
- Development of shared ND fashion shirt project

# Shared college shirt design project

- 2 day visit for all students to London + LCF
- Dissemination of shirt design project to all students
- Visit to Curtain Rd. (SMR) Simulated Manufacturing Resource
- Student fashion party
- Research visits to exhibitions and galleries

# Shirt Designs at each college



# Collaboration via Blackboard

Blackboard collaborative learning tools:

- Discussion board
- File Exchange - Dropbox for work in progress
- Virtual Fashion crit / chat  room

# Co-creative learning potential of CoVEs digital applications

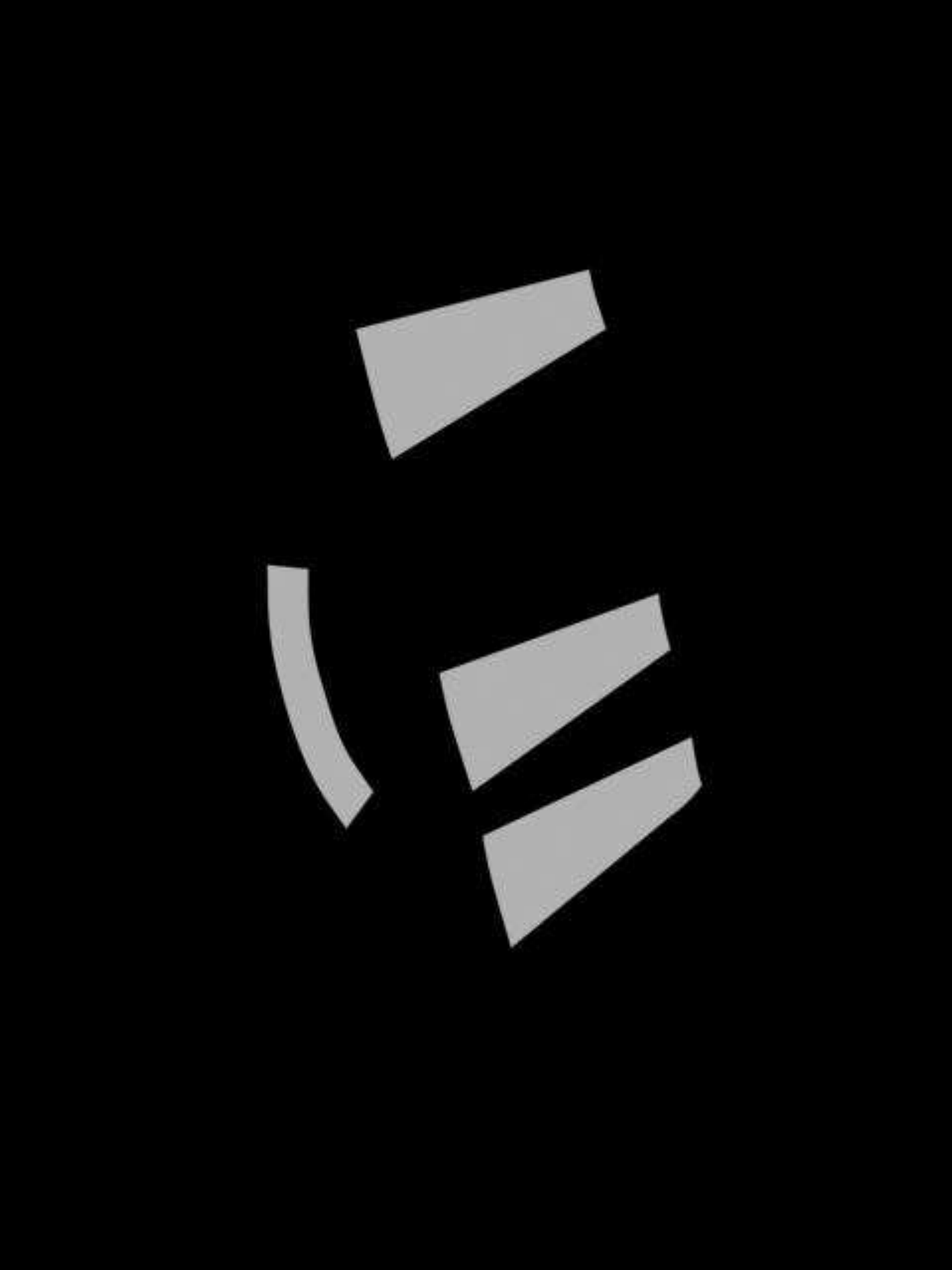
- 2D + 3D Digitiser for digital data input
- Assyst pattern design software
- 2D + 3D graphics software – 3D Studio MAX
- Digital Textile printing
- Final Catwalk Exhibition at Rootstein Hopkins London Institute Gallery

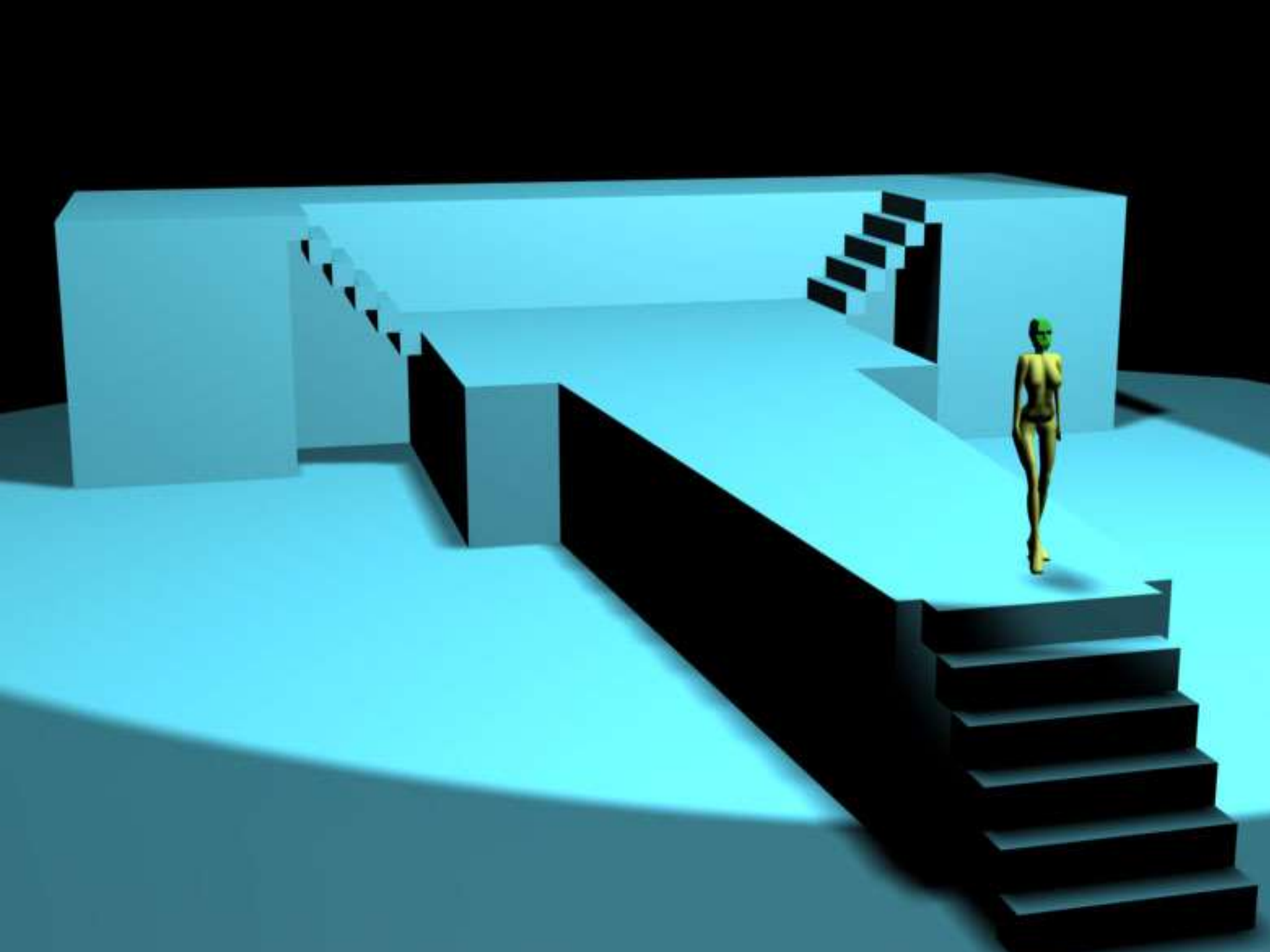
# Clothing manufacture facilites at chesterfield, Batley & LCF

# Digital textiles printing at BSAD for final shirt designs

# 3D clothing design Workshops/Demos

- 3D graphics Learning workshops
- Experiments to test 3D tools for learning results during project





# CoVE Collaborative:

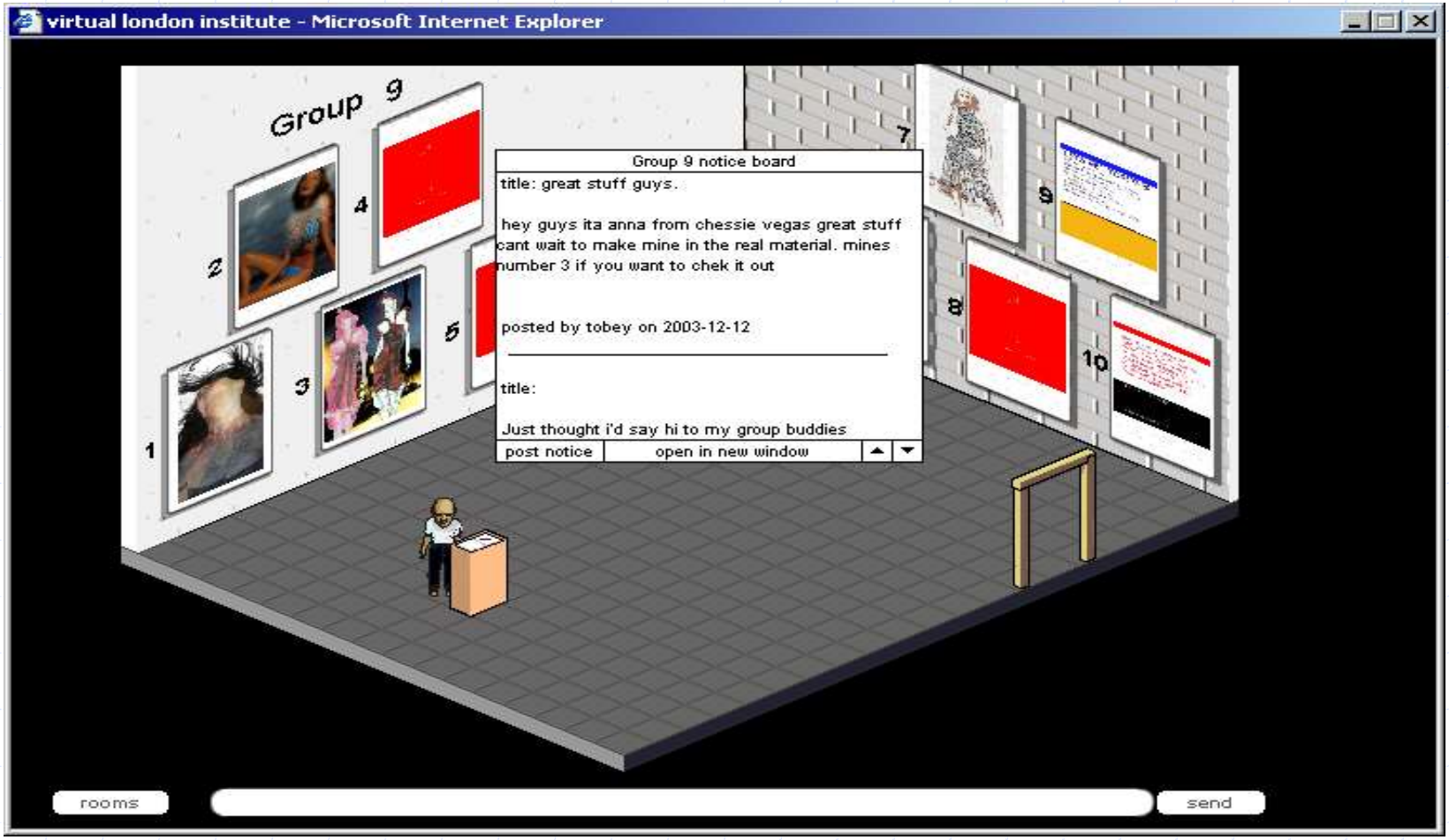
# Virtual London Institute

# Students' as avatars scan in or photo their design development and upload to co-display across colleges within the virtual galleries

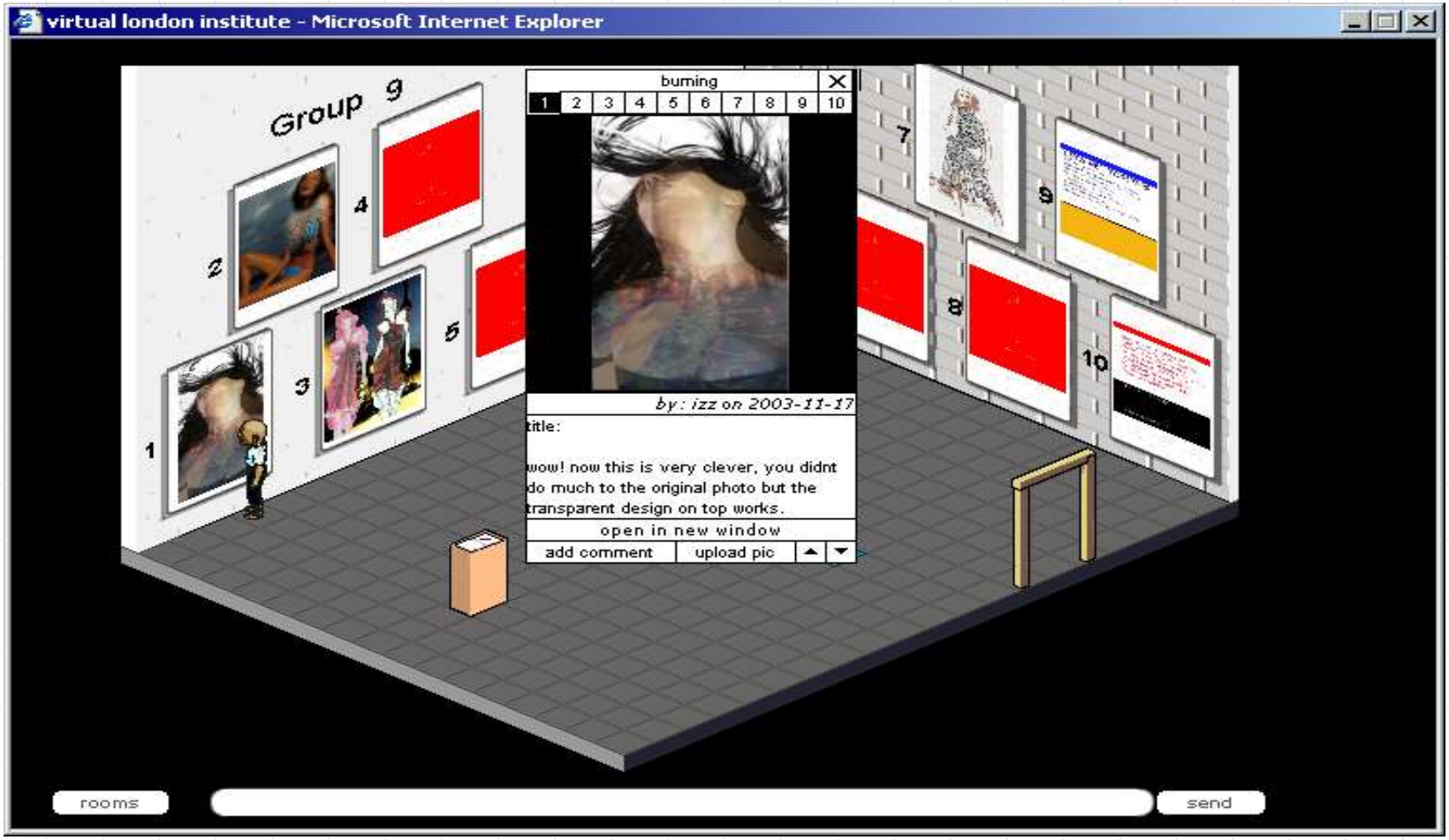
3D chat room with students as avatars walking around and display areas, chatting and sharind ideas in a gallery.

The virtual medium is a logical extension of the physical teaching and learning environment

it enables student / staff interaction and feedback from remote sites.

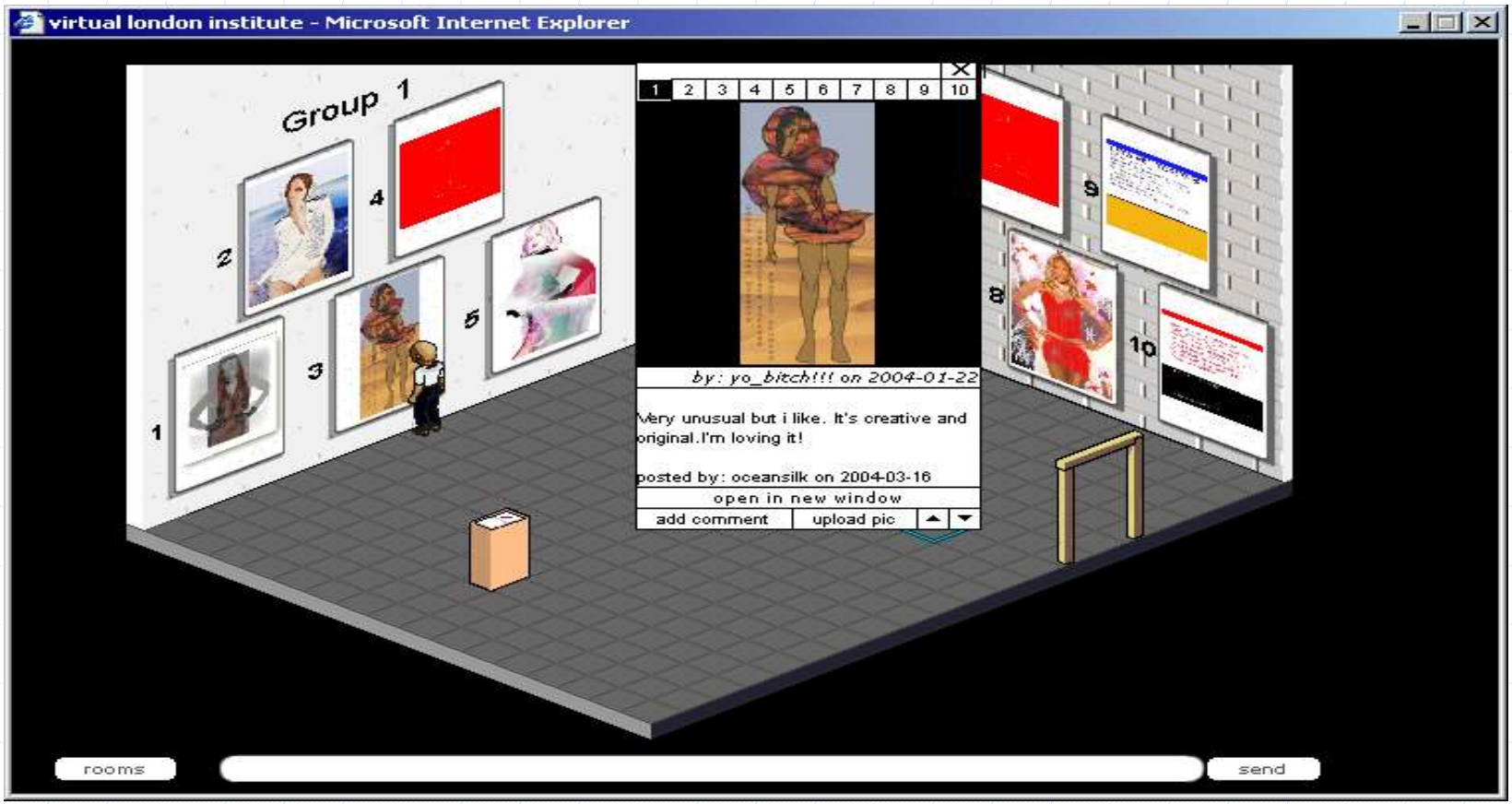


With the opportunities for staff and student comment and evaluation at interim and final review stages.

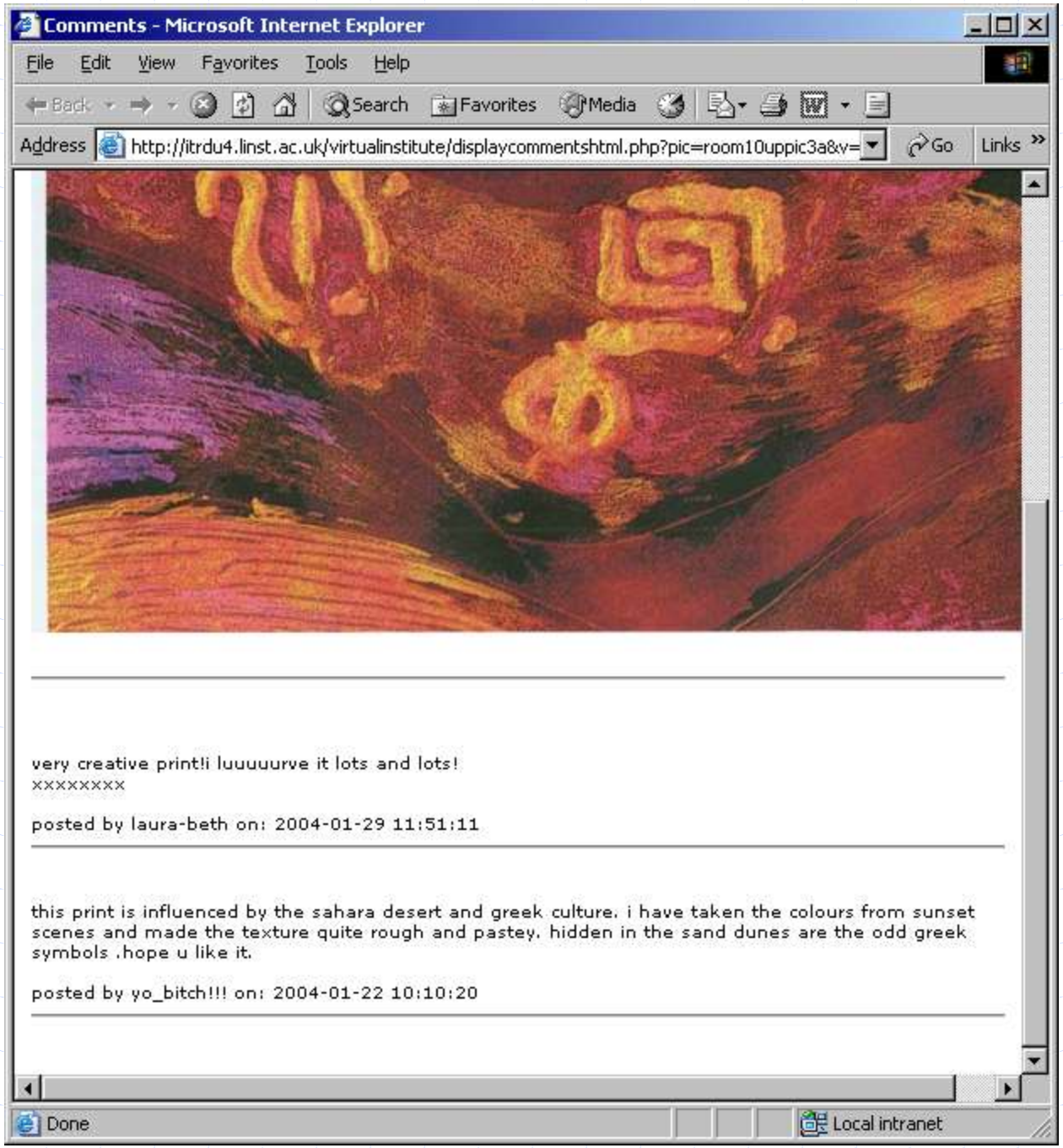


Sequence of individual student's 10 display spaces –

# the garment design

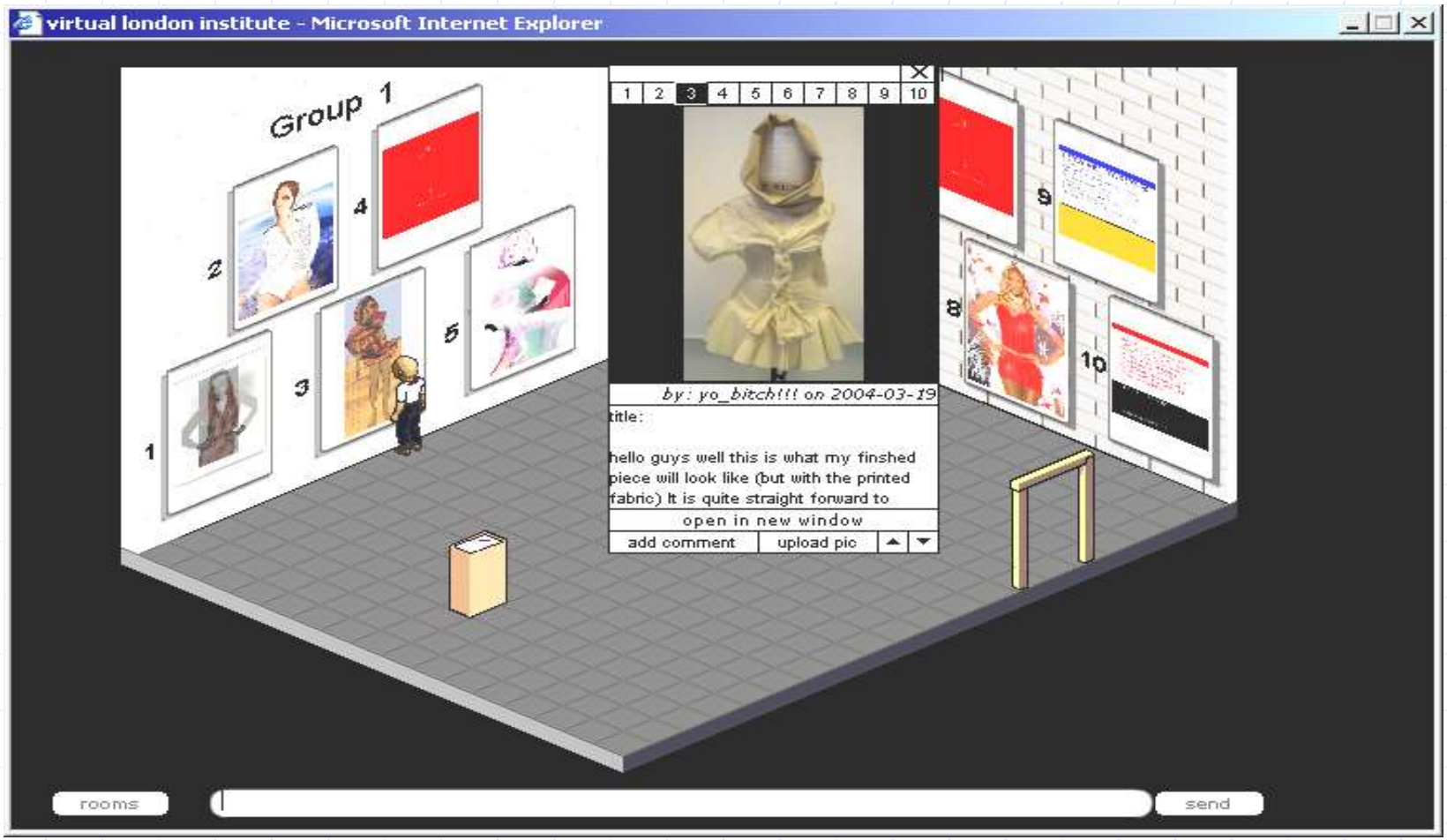


# Sequence of individual student's 10 display spaces – the print design

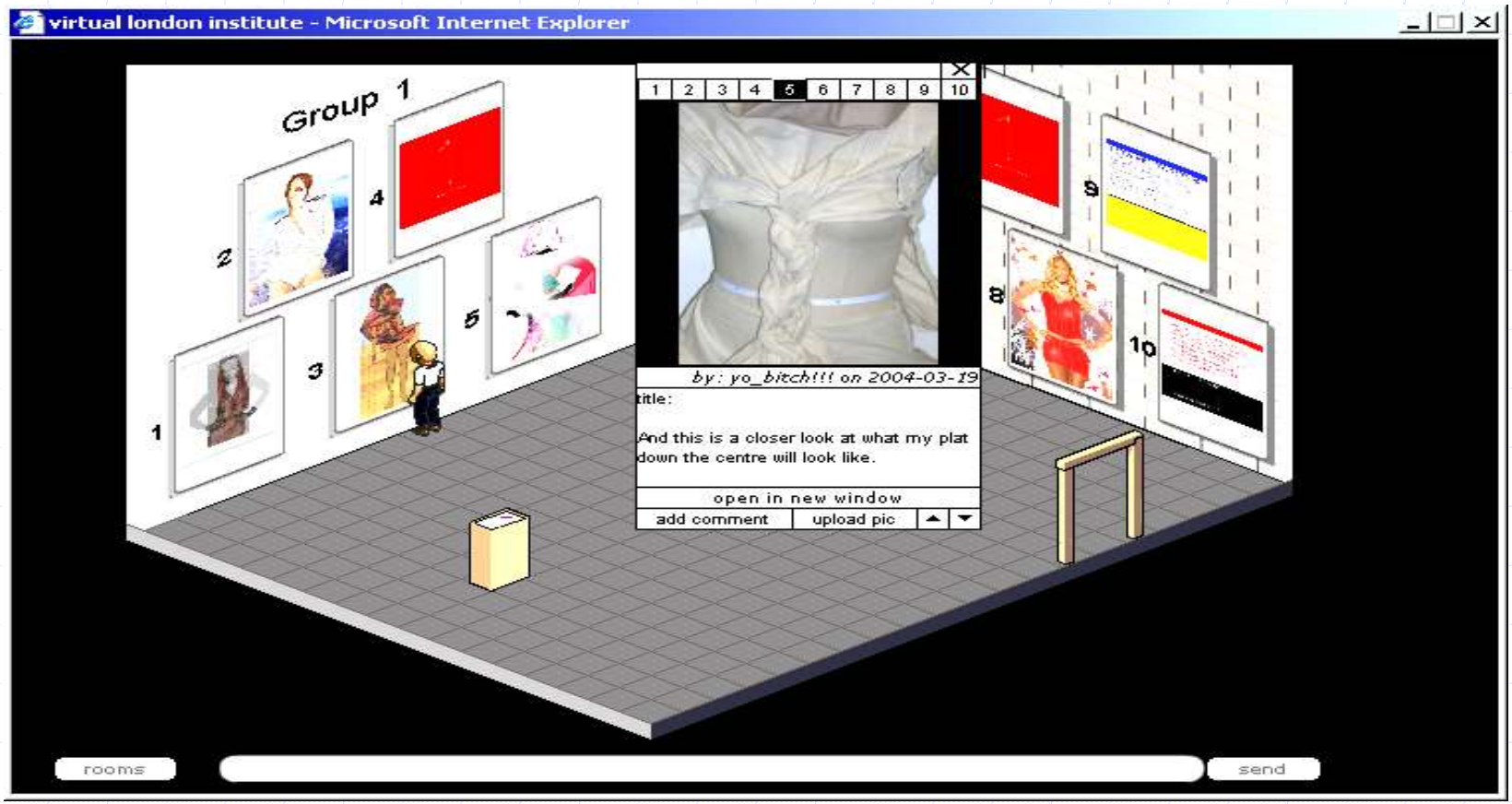



# Digital print design & students reflective communication

# Sequence of individual student's 10 display spaces – photographed uploaded toile

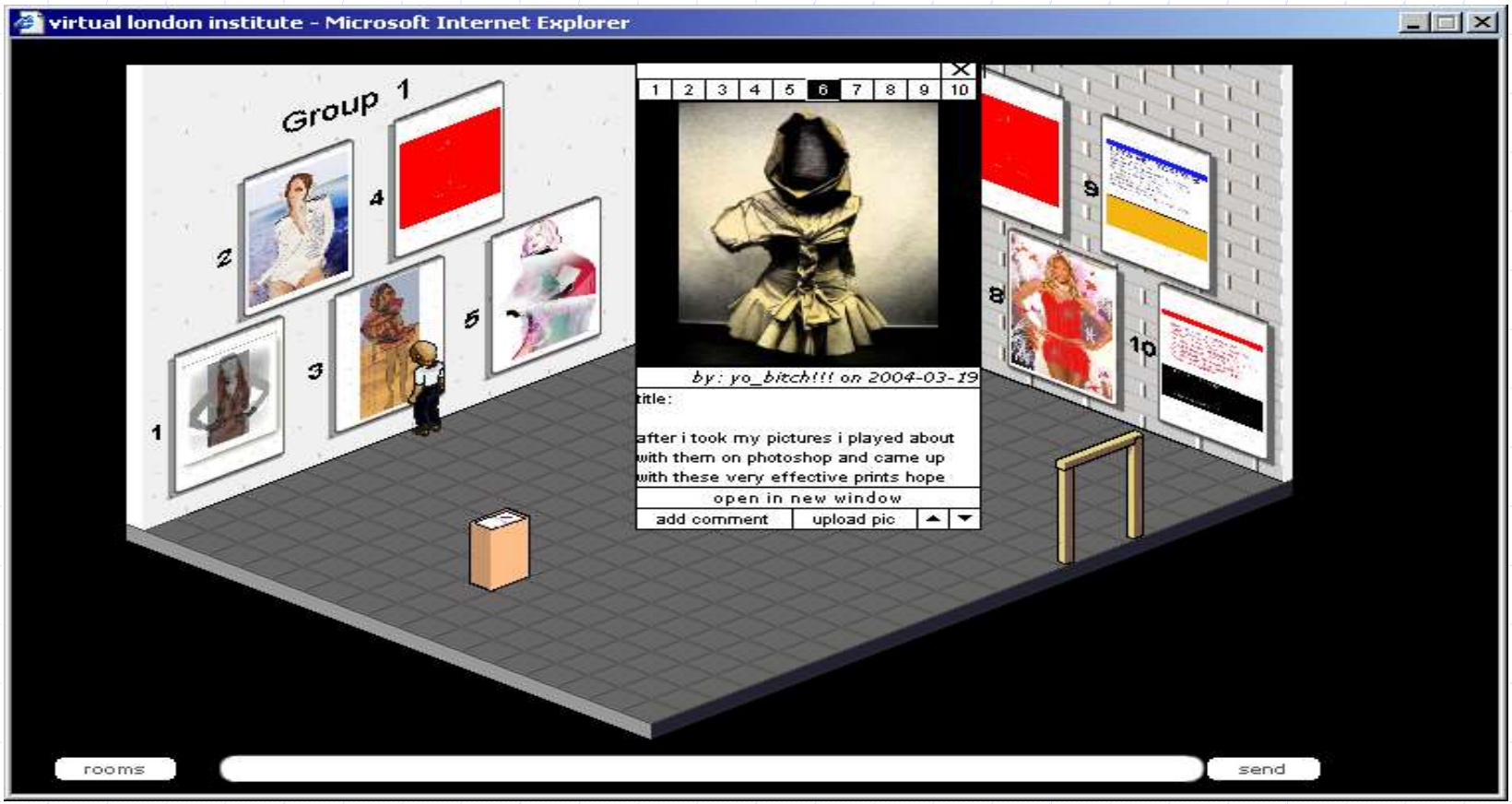


# Sequence of individual student's 10 display spaces – the toile detail



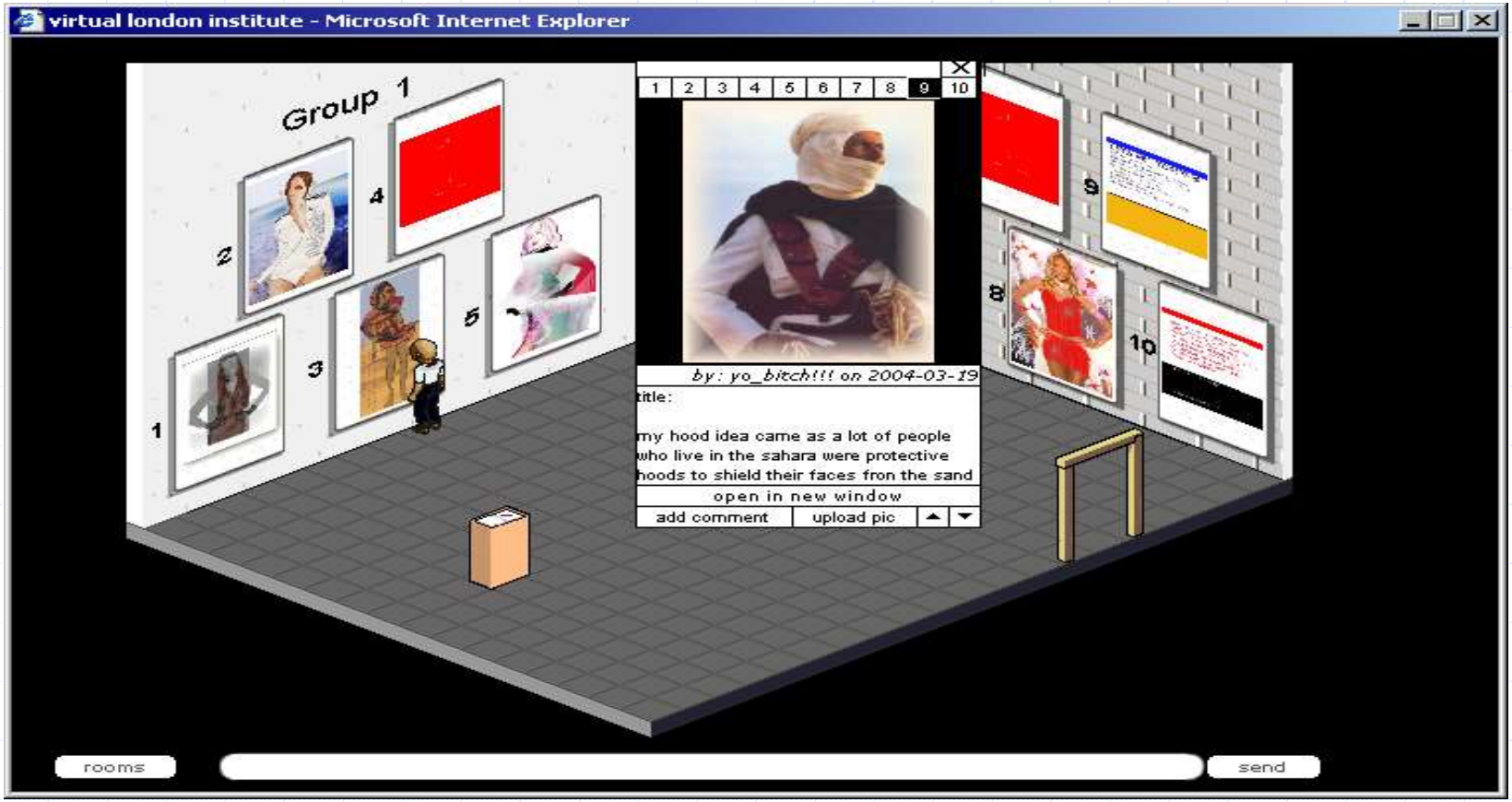
Sequence of individual student's 10 display spaces –

## variations in presentation

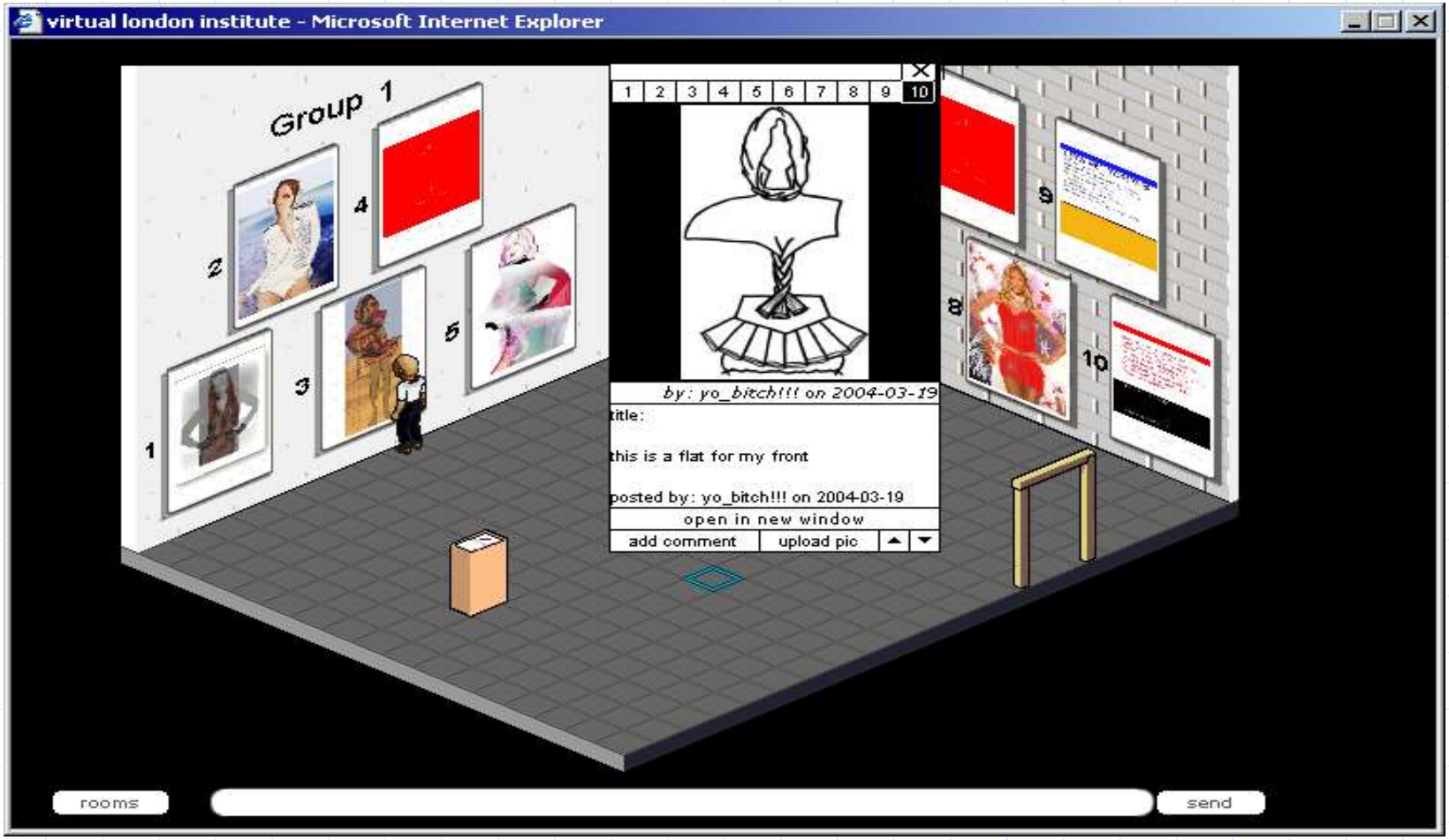


# Sequence of individual student's 10 display spaces – source reference

# Sequence of individual student's 10 display spaces – source reference



# Sequence of individual student's 10 display spaces – ~~working~~ drawing



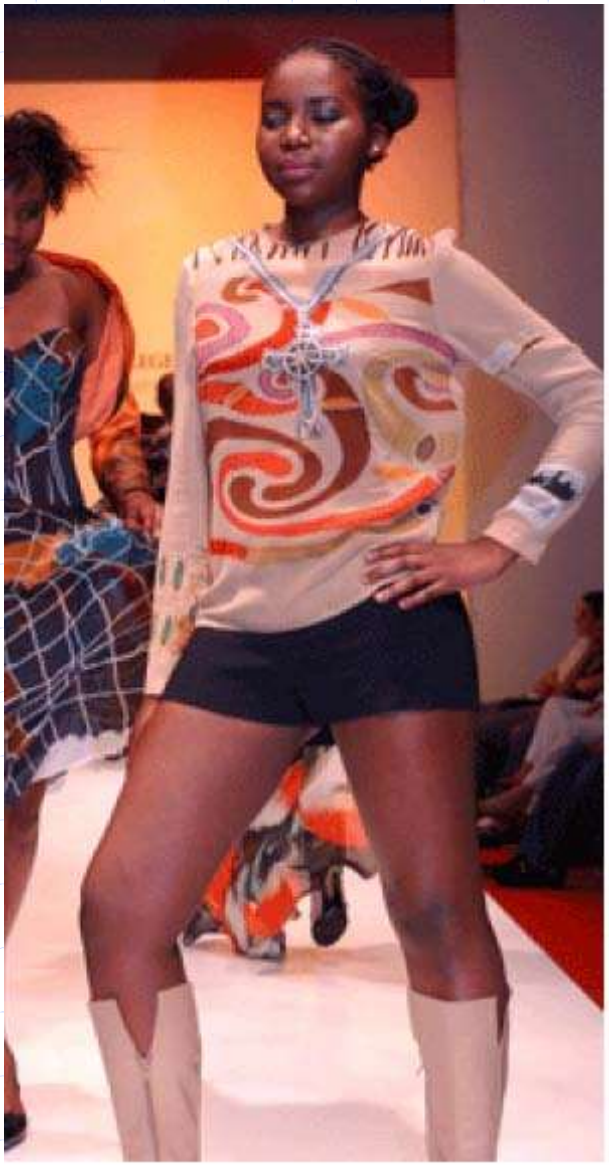
## Another students work illustration

- Another students work toile

The VI site also had a “bar” for relaxed more casual communication

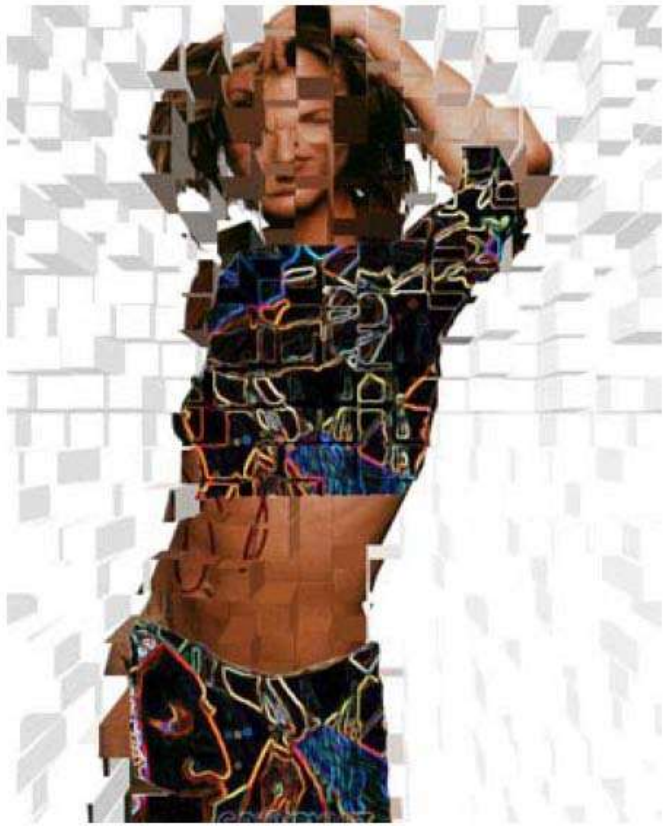
arawak night wear

conceive and interpret

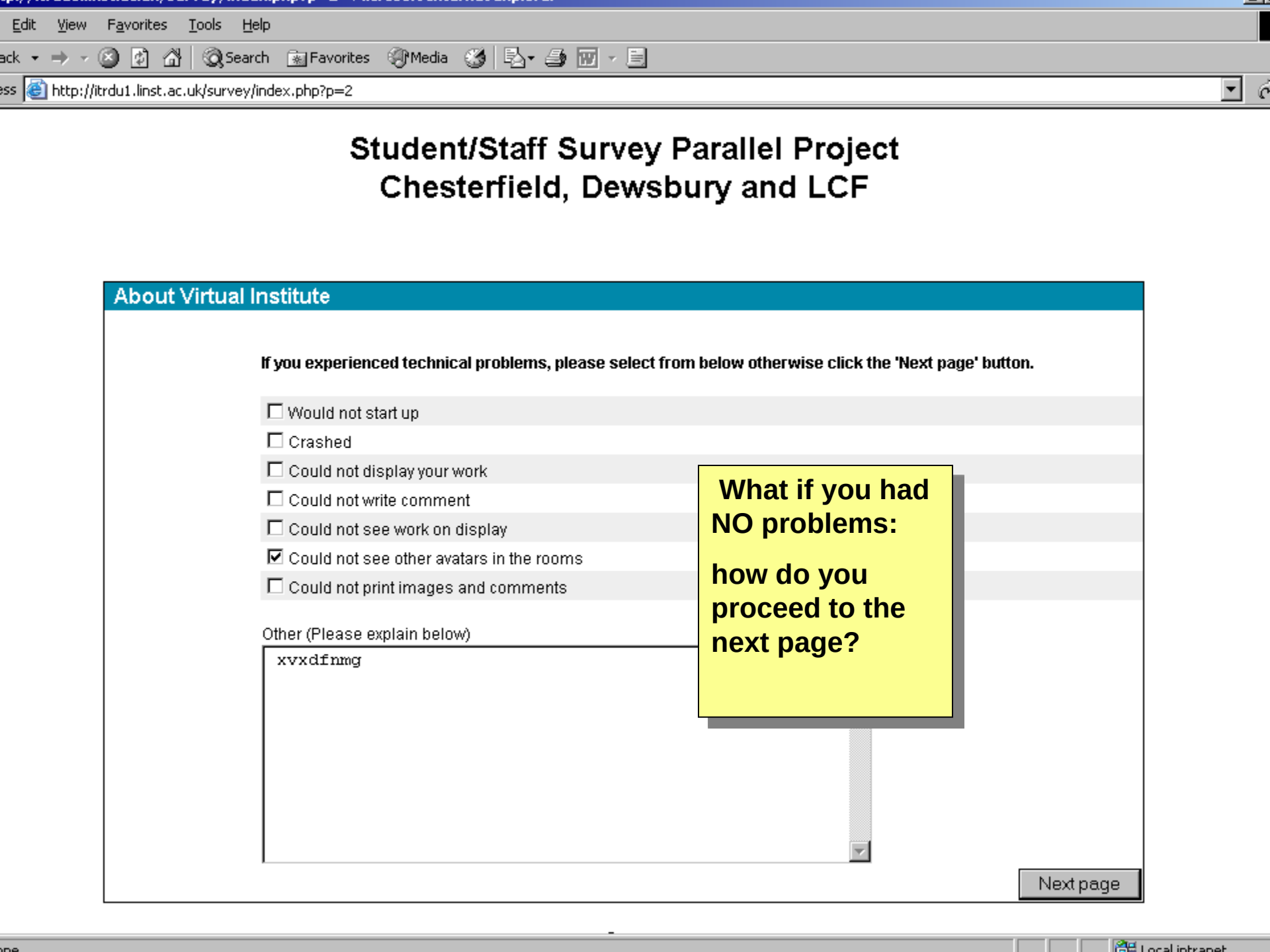


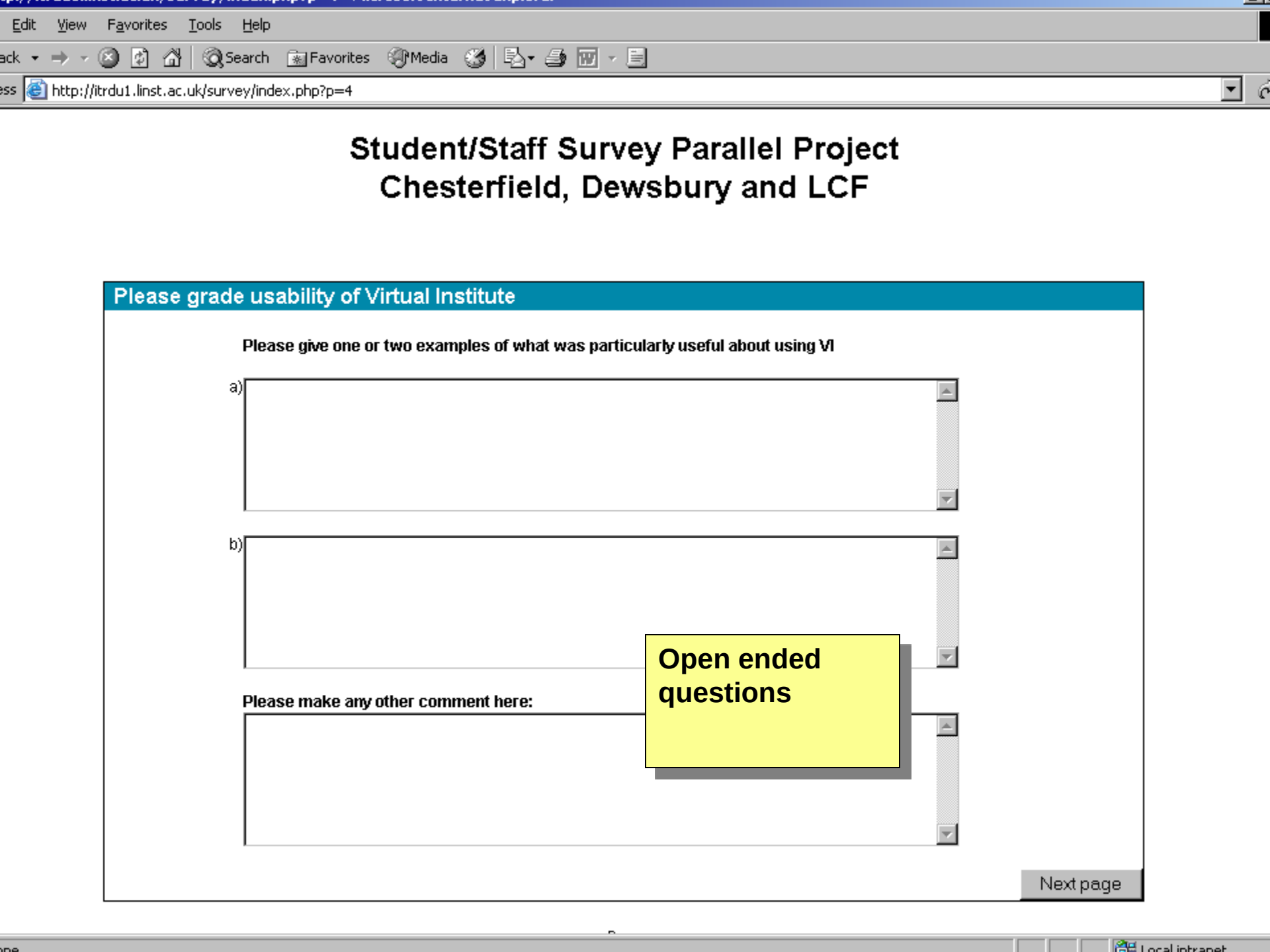
conceive and interpret

conceive and interpret



conceive and interpret


Edit View Favorites Tools Help
Search Favorites Media
http://itrdu1.linst.ac.uk/survey/index.php?p=2
Student/Staff Survey Parallel Project
Chesterfield, Dewsbury and LCF
About Virtual Institute
If you experienced technical problems, please select from below otherwise click the 'Next page' button.
Would not start up
Crashed
Could not display your work
Could not write comment
Could not see work on display
Could not see other avatars in the rooms
Could not print images and comments
Other (Please explain below)
xvxdfnmg
What if you had NO problems:
how do you proceed to the next page?
Next page


Edit View Favorites Tools Help
Search Favorites Media
http://itrdu1.linst.ac.uk/survey/index.php?p=4
Student/Staff Survey Parallel Project
Chesterfield, Dewsbury and LCF
Please grade usability of Virtual Institute
Please give one or two examples of what was particularly useful about using VI
a)
b)
Please make any other comment here:
Open ended questions
Next page

Edit View Favorites Tools Help
Search Favorites Media
http://itrdu1.linst.ac.uk/survey/results.php

# Usability of Virtual Institute - Results

**Easy to use**

| Category | Percentage | Total |
|---|---|---|
| Poor | 6% | 1 |
| Fair | 28% | 5 |
| Good | 22% | 4 |
| Excellent | 44% | 8 |

**Improved your learning about IT**

| Category | Percentage | Total |
|---|---|---|
| Poor | 6% | 1 |
| Fair | 39% | 7 |
| Good | 22% | 4 |
| Excellent | 33% | 6 |

**Improved your learning about fashion design/illustration**

| Category | Percentage | Total |
|---|---|---|
| Poor | 6% | 1 |
| Fair | 33% | 6 |
| Good | 22% | 4 |
| Excellent | 39% | 7 |

**Allowed you to learn at your own pace**

| Category | Percentage | Total |
|---|---|---|
| Poor | 6% | 1 |
| Fair | 28% | 5 |
| Good | 33% | 6 |
| Excellent | 33% | 6 |

**Useful for self assessment**

| Category | Percentage | Total |
|---|---|---|
| Poor | 11% | 2 |
| Fair | 17% | 3 |

Edit View Favorites Tools Help
Search Favorites Media
http://itrdu1.linst.ac.uk/survey/results.php

| | | |
|---|---|---|
| Excellent | 44% | 8 |

## Other aspects of the joint project - Results

**Joint briefing in London**

| *Category* | *Percentage* | *Total* |
|---|---|---|
| Poor | 11% | 2 |
| Fair | 17% | 3 |
| Good | 33% | 6 |
| Excellent | 28% | 5 |

**Having the same themes as other colleges**

| *Category* | *Percentage* | *Total* |
|---|---|---|
| Poor | 6% | 1 |
| Fair | 6% | 1 |
| Good | 56% | 10 |
| Excellent | 22% | 4 |

**Being in a "virtual team"**

| *Category* | *Percentage* | *Total* |
|---|---|---|
| Poor | 6% | 1 |
| Fair | 11% | 2 |
| Good | 50% | 9 |
| Excellent | 22% | 4 |

**With your own room**

| *Category* | *Percentage* | *Total* |
|---|---|---|
| Poor | 00% | 0 |
| Fair | 11% | 2 |
| Good | 50% | 9 |
| Excellent | 28% | 5 |

Local intranet

Edit View Favorites Tools Help
Search Favorites Media
http://itrdu1.linst.ac.uk/survey/rpage1.php

cjv -obfgx

---

*Dated: Thu Jun 3, 2004 8:42 am*

**a)** you could see what others where doin and ask them how they did it and there technique so that you can try it

**b)** you could compare the standard of your work easily

**Other comment**

---

*Dated: Thu May 20, 2004 10:39 am*

**a)** Was useful in comparison of work with other colleges, and to keep in contact with students involved in the joint project

**b)**

**Other comment**

---

*Dated: Thu May 20, 2004 10:39 am*

**a)** you could see every bodys work and this helped a lot

**b)**

**Other comment**

Local intranet

Edit View Favorites Tools Help
Search Favorites Media
http://itrdu1.linst.ac.uk/survey/rpage1.php

**Other comment**

---

*Dated: Wed May 19, 2004 9:01 pm*

**a)** being able to read peoples comments about the work

**b)** I liked the fact you could see others in the room, the virtual bar made it fun and i liked the fact we worked with another college so we could see how the work with diffrent inspirations was presented.

**Other comment**

I would love to be able to show all work like this on other courses and also see pictures or downloaded photos of other courses work. I think this should be available on blackboard and each course should be allocated a room and i think it would be good if the students voted in the work to be displayed.

---

*Dated: Wed May 26, 2004 3:46 pm*

**a)** To be honnest I found that the VI web site was pointless, i found that if i needed help I would have to ask other students rather than the teacher because he was too busy.

**b)** I found this questionnaire very funny because of the many spelling mistakes and grammer problems, which just goes to show you how incompitant LI teachers are.

**Other comment**

---

Local intranet

# Rootstein Hopkins Space: LCF

# Outcomes of the shared project

- To create creative opportunities in fashion design learning through access to digital technology
- Developing FE college collaborations through CoVE development projects
- To develop greater student/academic professional awareness through networking between FE colleges

# CoVE Collaborative Project

## Thanks to:-


Batley: Andrew Taylor, Louise Gathercole, Peter Lowe,Danielle Proctor, Keith Orange, Angela Hogson.

Chesterfield: Lesley Cambell, Margaret Beach, Jeremy Asquith, Nathan Smith, Richard Hatton, Kevin Hickey.

London: Paul Turner, Jane Elson , Angela Drisdale – Gordon, Benetta Sawyer, HaoTu Dam, Fariba Farshad and the ITRDU team, Rosy Crehan