

University of Lincoln (UK) School of Architecture and Design



lightbox project

DOINA CARTER

docarter@lincoln.ac.uk

[light/box]project :

an interdisciplinary collaboration for production and transference of knowledge and skills between

**Architecture &
Contemporary Lens Media** 1st year students

Led by: Doina Carter

Senior Lecturer, School of Architecture and Design

docarter@lincoln.ac.uk

Adam Paul Verity

ex - Senior Lecturer, Contemporary Lens Media

adampverity@mac.com

[light/box] action research:

context: 'History and Theory of Architecture' module

genesis: pluralism in assessment (essays replaced by practical tasks)

task: to build a physical model of a historic interior

trigger: the need to learn how to photograph a model = a new skill not in the curriculum

solution: transference of skills through

- inter-disciplinary collaboration

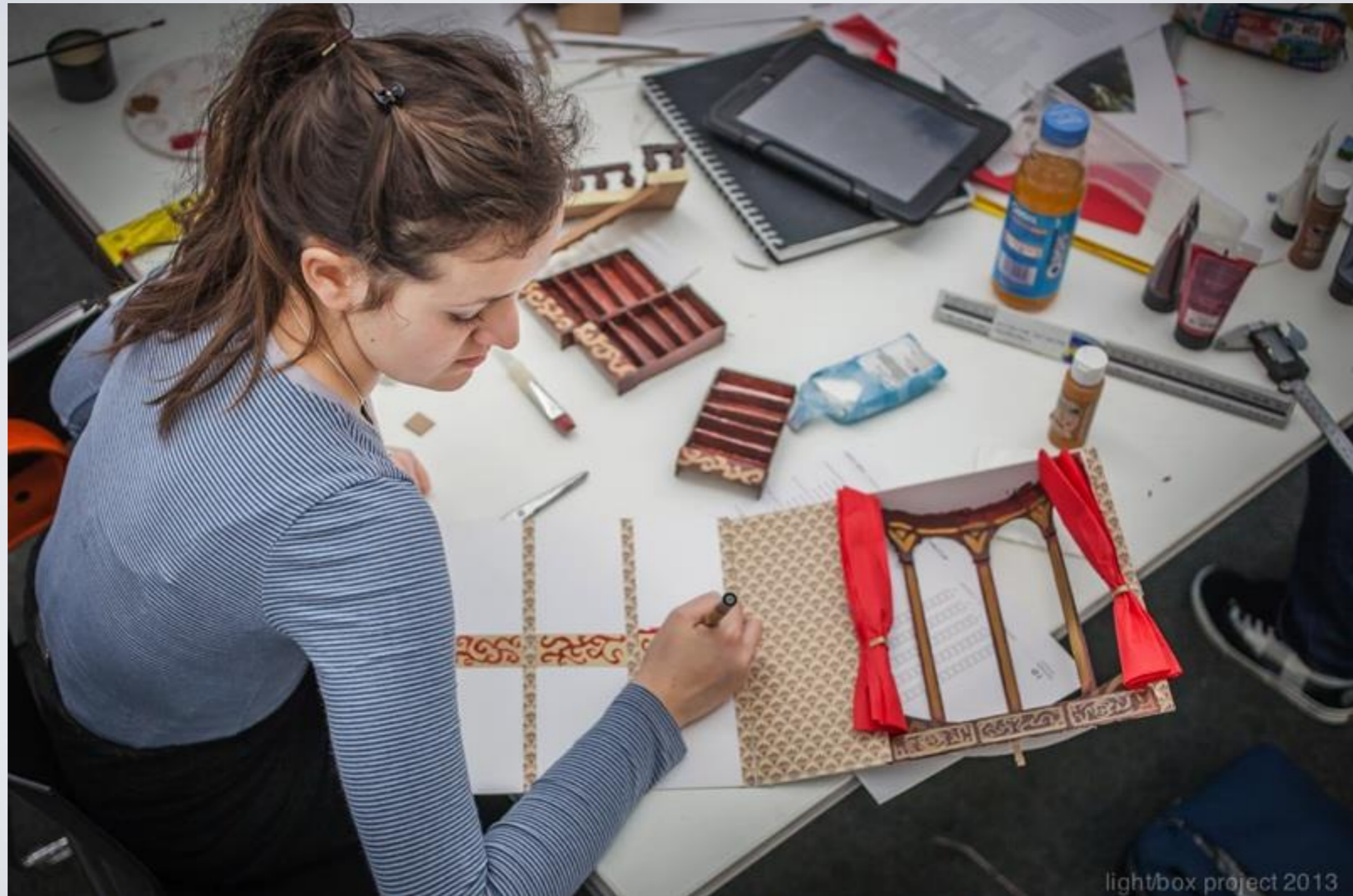
- peer learning

- active, participatory, deep learning

- immersive learning experiences mimicking real-life situations

- applying theoretical knowledge and communicating with other professionals

Essay replaced by a practical task:
apply knowledge of history of architecture to design and
build a historic interior



Learning: student and tutor engagement = atelier buzz



Student engagement: sociable and collaborative learning



Student engagement:

learning is independent of identity markers



Skills support studio teaching: model making



Skills support studio teaching: time management relative to design intention and quality of process & product



Teamwork



Assessment relies on
pre-existing skills / sharing / complementing



Active, deep learning: making mistakes



Brief: new language and unusual scale



STUDENT AS PRODUCER*

“Intellectuals never merely work on products, but always and at the same time on the means by which the work is produced, that is to say, the process of production.”

**Student as producer – risk, responsibility and rich learning environments in higher education, Professor Mike Neary, University of Lincoln, 2009*

BRIEF for the [light/box] inter-disciplinary workshop:

Architecture and Contemporary Lens Media

students to **collaborate**,

light and

photograph a scale model of an interior – followed

by a

peer review session and

prize giving

INTENTIONS:

In the spirit of University of Lincoln's teaching and learning strategy / ethos of '***Student as producer***' this was an experiment:

- to enable the **sharing** of student knowledge and skills while offering an **experience outside** of the traditional remit of each course
- to facilitate a **cross-programme collaboration**
- to stimulate "**meaning making**"* by creating an educational community

*Lev Vygotsky (1962) *Thought and Language*. Cambridge MA: MIT Press

AIMS:

For the ***Architecture*** students the event provided the experience of having their work ‘seen’, questioned and interpreted by peers from outside their discipline. It was also a chance to learn about recording design development, vital when working with diverse media.

For the ***Contemporary Lens Media*** students this was their first experience of a ‘real client’, with specific requirements that they had to respond to using subject specific knowledge. This was an opportunity to apply technical skills acquired in photography workshops to ‘real world’ complex scenarios.

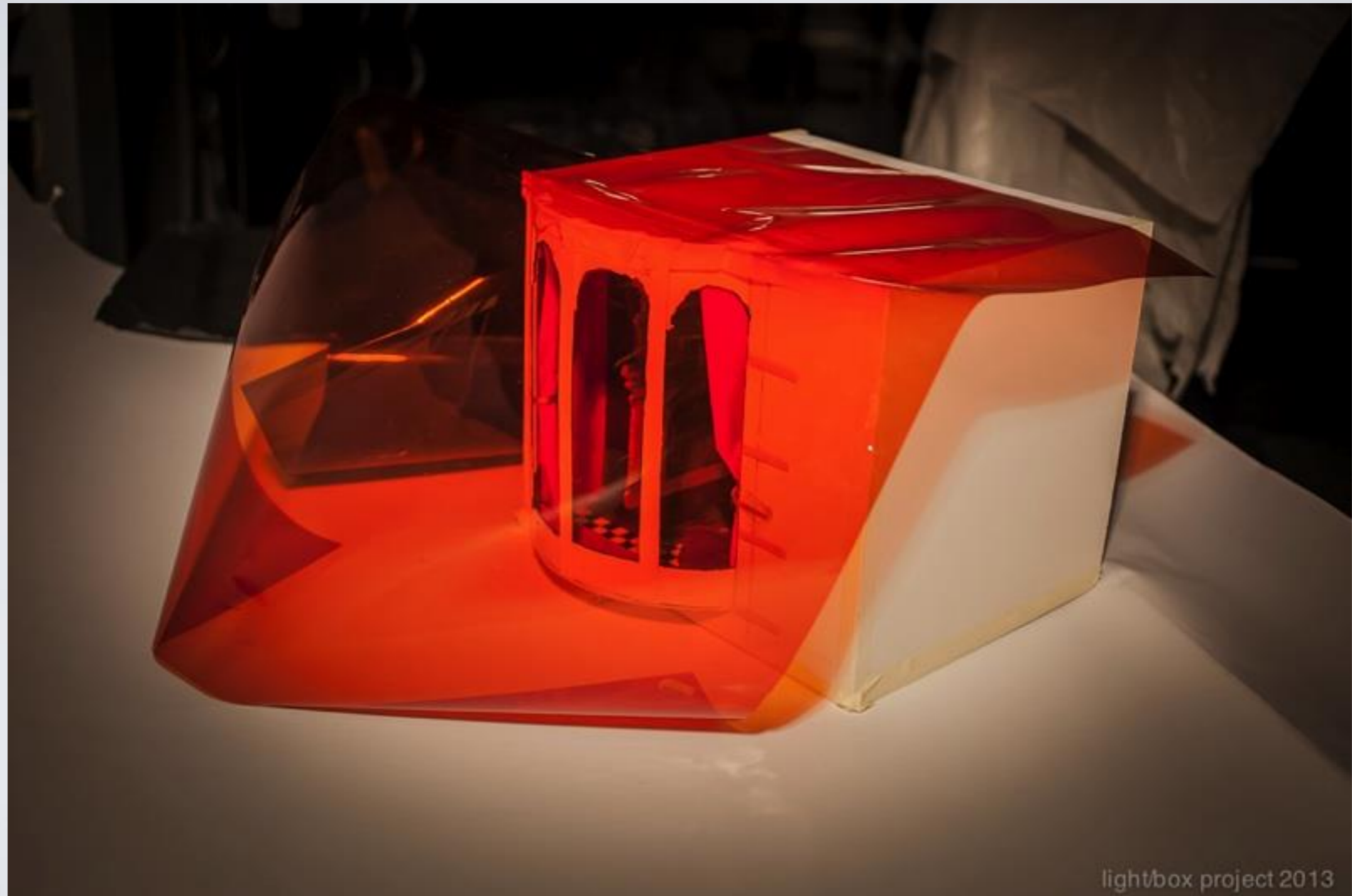
Testing light conditions for best detail definition



Models move into the photography studio



Filters (gels) applied to modulate light and alter mood



Architecture students watch and advise as their model is set up



Photography students apply techniques taught in class: camera



Angle



lightbox project 2013

Light



lightbox project 2013

Click



lightbox project 2013

Post-processing



Post-processing



Architecture students' peer review



SUCCESSFUL? (qualitative data gathered over 3 years)

BA (Hons) Architecture:

- ability to record 'analogue' work, necessary to document investigative development and as proofs for portfolios
- become aware of how photographic techniques can be applied to suggest narrative
- skills gained during workshop subsequently applied in studio

BA (Hons) Contemporary Lens Media:

- allowed skills and knowledge from lighting workshops, to be transferred to complex objects with many challenges
- provided a first opportunity to share and apply subject specific knowledge





light/box - student group images







light/box - student group images



light/box - student group images



Group name: _____
Student names: Alana Linceo
Project name: Interior design exhibition
Date: 11th February 2013



lightbox - student group images



ARC1001M History and Theory of Architecture

ASSIGNMENT 2: requirements

|group name Alpha 3

studio | group

|students' names Jeanne Caculis, Rachel Chepfield, Andy Baggin,

|project name Alex Prockert
Library Design: Baroque Library



light/box - student group images



ARC1001M History and Theory of Architecture

ASSIGNMENT 2: requirements

group name: Who lives in a pineapple under the sea

students' names: Henry Maguire, Khalid Kolesa, Michal Olizarenko, Ben [unclear]

project name: Neo-classicism dining room

date: 14.02.13

CONTENT - Stylistic coherence

excellent	good	satisfactory	poor	unsatisfactory
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Proportions (room, windows)				
Decorative elements				
Culture				
Features				



light/box - student group images



ARC 1001M History and Theory of Architecture

Group name

ALPHA 2

Member names

Liam, Emily, Sam, Alex, Mia, Noah

Project name

Baroque Revival



light/box - student group images



light/box - student group images

[light/box]project:

Doina Carter docarter@lincoln.ac.uk

Adam Paul Verity adampverity@mac.com

Photographic record of the workshop:

Adam Paul Verity

Atmospheric images of models:

Contemporary Lens Media students (2013)

Documenting images of models:

Doina Carter