

# Learning space design for cross-campus course sharing

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## About UCLA

31,000 undergraduates

Language requirement for graduation

40 languages

Diverse area / student population

Large number of transfer students

Our Model

Less commonly taught subjects

Swahili

Catalan

Persian Poetry

Our Model

Synchronized

X number of students and instructor in  
room

Y number of remote students

# Challenges

## Administration

Advertising the class on remote campuses

Fee transfers (if any)

Registrar credit

# Challenges

## Technical

Including remote students equally

Engaging remote students

Having local and remote students work together

# Solutions

## Cameras that can catch the room



# Solutions

Audio input to record everyone equally





# Solutions

A computer to host  
(if needed)



# Solutions

Large monitor  
(4k or better preferred)



Solutions

Capable teleconferencing software



zoom

# Solutions



White board feature

Screen sharing

Breakout rooms

Recording

Ease of use

Reliability

# Solutions

Pre-instruction meeting / training  
(orientation)

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# Online Resource Classroom



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Up to 20 local  
students



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# Experimental Learning Facility





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Up to 12 local  
students



# Portable kits



As seen on the Educause Instructional Technologies Community Group Listserve (INSTTECH)

Image shown courtesy of

Kent Barclay, Associate Dean of Academic Technology

Endicott College

Pedagogy

Exploding content

Mini-groups, student pairing, and  
engagement

Online assessments

## Exploding content

### Nominative

#### **The German Nominative Case (Der Nominativ or Der Werfall)**

The nominative case—in German and in English—is the subject of a sentence. The term *nominative* is from Latin and means to name (think of "nominate"). Amusingly, *der Werfall* translates literally as "the who case."

In the examples below, the nominative word or expression is in bold:

Der Hund beißt den Mann. | The dog bites the man.

Dieser Gedanke ist blöd. | This thought is stupid.  
Meine Mutter ist Architektin. | My mother is an architect.

The nominative case can follow the verb 'to be' as in the last example. The verb "is" acts like an equal sign (my mother = architect). But the nominative is most often the subject of a sentence.

## Exploding content

### Nominative

The nominative case—in German and in English—is the subject of a sentence. The term *nominative* is from Latin and means to name (think of "nominate").

## Exploding content

Nominative

Der Hund beißt den Mann. | The dog bites the man.



## Exploding content

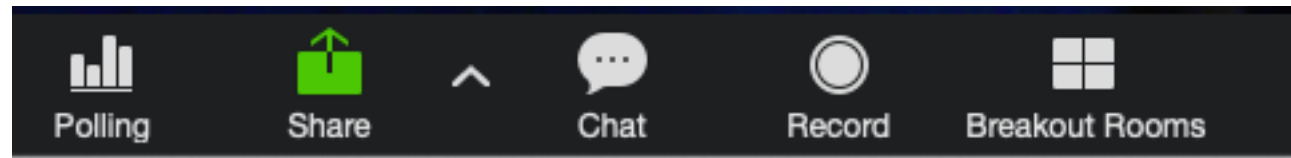
Nominative

Der Hund beißt den Mann. | The dog bites the man.



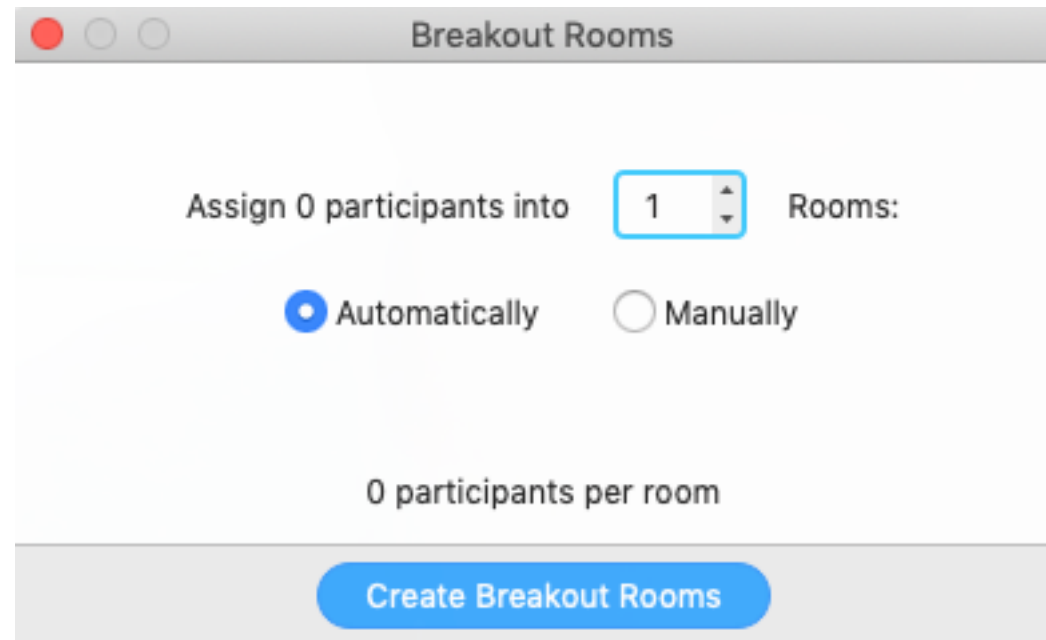
# Pedagogy

## Mini-groups, student pairing, and engagement





## Mini-groups, student pairing, and engagement



Breakout Rooms

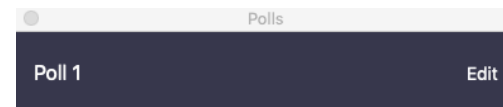
Assign 0 participants into  Rooms:

Automatically  Manually

0 participants per room

Create Breakout Rooms

# Mini-groups, student pairing, and engagement



Add a Question

Launch Poll

# Mini-groups, student pairing, and engagement

The screenshot shows a web interface for creating a poll. At the top, there is a header with the word "Polls" and a small grey circle. Below this is a dark blue bar containing the text "Poll 1: Favorite Animal" on the left and "Edit" on the right. The main content area contains two questions:

**1. What is your favorite animal**

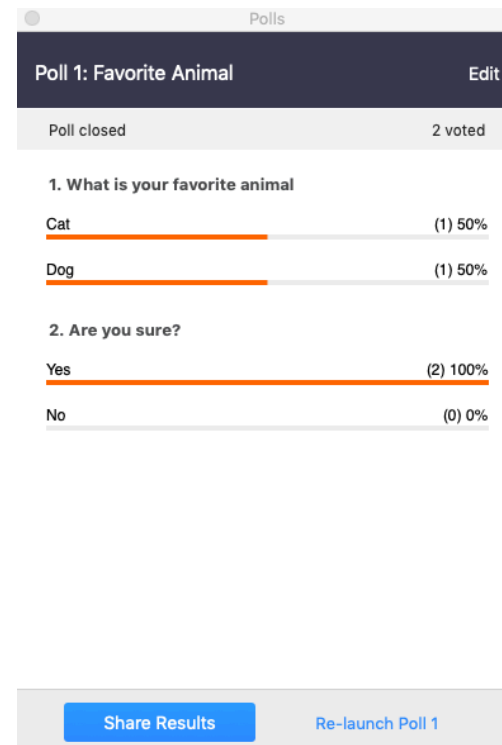
- Cat
- Dog

**2. Are you sure?**

- Yes
- No

At the bottom of the form is a grey bar with a blue button labeled "Launch Poll".

## Mini-groups, student pairing, and engagement



Pedagogy

Mini-groups, student pairing, and  
engagement

Phone based application

Live Treasure hunts

Market visits

Pedagogy

Mini-groups, student pairing, and  
engagement

Paired student recordings

Micro projects

## Online Assessments

LMS based

Randomized question banks

Monitoring software (Respondus)

## Results and Observations

Technology enables this approach (low cost, off the shelf, minimal requirements and training needed)

Technology does not drive the teaching practice, student consumption does



## Results and Observations

Student motivation is critical

Local students learn to attend remotely

UCLA



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