## Planning Physical Learning Spaces for Nurturing Interdisciplinary, Global Problem-Solvers

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## Agenda

* Introduction: Key Questions
* Part I: Learning to become ...
* Part II: Learning experiences enabling that becoming ...
* Part III: Learning spaces enabling those experiences ...

General discussion

## Key questions to be addressed

- About how space matters
- About the context for nurturing $21^{\text {st }}$ century interdisciplinary, global problem-solvers
- About the process of planning spaces for nurturing $21^{\text {st }}$ century interdisciplinary, global problem-solvers


## Key questions for you

- Part I: How does the question about becoming set the stage for discussions about nurturing $21^{\text {st }}$ century leaders on your campus?
- Part II: Is there collective awareness on your campus about what kind of learning experiences nurture $21^{\text {st }}$ century problem-solvers?
- Part III: What kind of spaces enable those experiences?






## WHAT DO WE WANT OUR LEARNERS TO BECOME?

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COMMUNITY ENGEGMENT
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- INTEGRATE KNOWLEDGE ACROSS DIsCIPLINES INTENtIONALITY IN CHOICES AND DECISIONS MADE collmorutive in creative processes MTERACTVE WITH THOSE AROUND THEM
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- inquisitive
- Abe to live in tie list century world
- Devcroples AND DE STONERS UNEOUNDED BY ONVENTION
- critical thinkers
- informer citizens

WHAT EXPERIENCES MAKE THAT BECOMING HAPPEN?

- informal serendipitous discovery
- real lips applications
- cross disciplinary experiences
- peeling comfortable in $\times$ spice and so "CARED ABOUT" THAT YOU WANT T CONTRIOUTE BACK AT A VERY MEH LEVEL
- feeling invited to participate/sheodiog
- experience of taking responsibility FOR SOLVING A DEFINED PROBLEM IN A COLLABORATIVE string
(IF IT IS NOT INTESTINAL IT MAY NOT HAPPEN)
- DICK AND FORTH BETWEEN PERSONAL REFLECTION AND COLABORATION
- collaborative intensive as a treat
- exculty open to new ideas and ways of TEACHING AND DEMONSTRATING APTAILITInvolved AND THE EVOLUTION OF THINENG integrative
- comity to shine ideas readily intentional


## WHAT KIND OF SPACES ENABLE THOSE EXPERIENCES?



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# Part I <br> WHAT DO WE WANT OUR LEARNERS TO BECOME? 







## Part I

## Key question for you

How does the question about becoming set the stage for discussions about nurturing interdisciplinary, global leaders? What lessons have you learned?


I understand they're going to connect them. The Provost ordered it.
From: "Facilitating interdisciplinary research," National Academy of Sciences

# Part II <br> WHAT EXPERIENCES MAKE THAT BECOMING HAPPEN? 

## Science

| WORLD | U.S. | N.Y./REGION | BUSINESS | TECHNOLOGY | SCIENCE | HEALTH | SPORTS |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | OPINION |  |  |  |  |

## Collaborate with Anyone, Anywhere

Meet onine. Share ideas. Get on the eame page - fecter.
Start online moetings in seconds with GoToMeeting.

Tyylifre
30-Day GoToMeeti

## Computer Wins on 'Jeopardy!': Trivial, It's Not









# Part II Key question for you 

Is there collective awareness on your campus about what kind of learning experiences nurture $21^{\text {st }}$ century ID, global problem-solvers?

## Part III

What kind of spaces enable those experiences?

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