

## Welcome!

## Designing Quality Early Care and Education Environments



Debora Wisneski, PhD University of Nebraska at Omaha



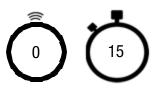
**Ed Buglewicz, AIA** RDG Planning & Design





#### Who is in the Audience?

- 10
- 10
- 10
- 10
- 10
- 10
- 10



- 1. Home-based Provider
- 2. Center-based Provider
- 3. Teacher
- 4. School District
- 5. City Chamber / Official
- 6. College / University
- 7. Other





#### A Day in the Life of Early Care and Education

## Designing Quality Early Care and Education Environments

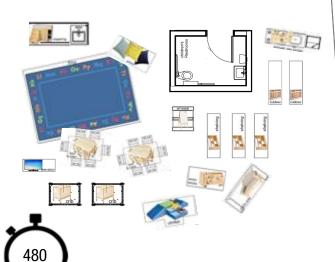
Agenda & Goals

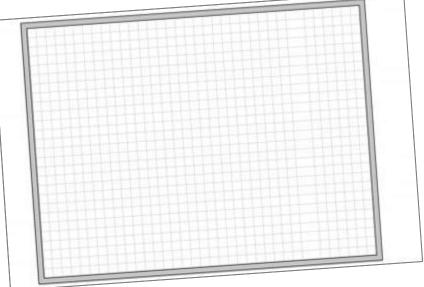




#### Table Activity – let's play and learn together

- Working together create a layout of a classroom
- 8 minutes







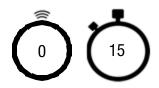
### Which classroom provides a balance of stimulation for engagement?

1. 10

2. 10

3. 10

**4.** 10













 Planning and Preparing before the children arrive



Preparing the day

 Welcoming the Children with their Family Member





 Circle Time and Whole Group Activities





# Activities & Interest



 Small group activities at interest areas





Activities & Interest



Small group activities at interest areas









"Messy" Areas





Activities & Interest







Language & Literacy

Child / Teacher





# Interactions



Child / Child







# Interactions



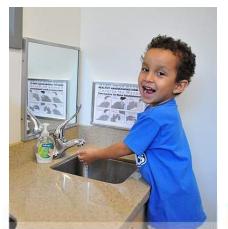
- Snacks
- Meals
- Toileting
- Naptime





Daily Living Routines

- Snacks
- Meals
- Toileting
- Naptime





# Daily Living Routines

- **Snacks**
- Meals
- Toileting
- **Naptime**



Daily Living Routines













Outdoor Play

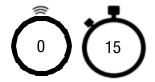


#### How much outdoor time should a program schedule?



- 10
- 10

- 1. Twice a day, weather permitting.
- 2. Daily for 30 minutes, weather permitting.
- 3. Twice a week, weather permitting.



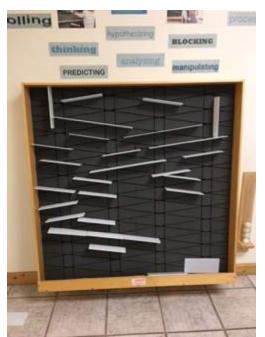








 Community/Group Hallway Space







#### **ECE Program Quality Metrics**

- Protection of Health & Safety
- Chances to build positive relationships
- Opportunities for stimulating and learning from experiences





#### **ECE Program Quality Metrics**

- Building Codes & Fire/Life Safety Codes
- DHSS Licensing Title 391

Home & Center based programs http://dhhs.ne.gov/Pages/reg\_t391.aspx

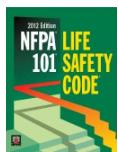
Rule 11

NDE – Nebraska Dept. Education

https://www.education.ne.gov/oec/early-learning-guidelines/

Regulations for approval of PreK programs established by School Boards and ESUs









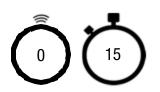


### What is an appropriately sized classroom?

- 10
- 10
- 10
- 10

- 30 Sq Ft per Child
   35 Sq Ft per Child
- 3. 45 Sq Ft per Child
- 4. 50 Sq Ft per Child

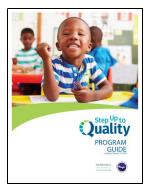




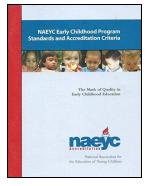


#### **ECE Program Quality Metrics**

- Step Up to Quality
   Quality Rating and Improvement System (QRIS)
   https://www.education.ne.gov/StepUpToQuality/
- Head Start
   <a href="https://eclkc.ohs.acf.hhs.gov/policy/45-cfr-chap-xiii">https://eclkc.ohs.acf.hhs.gov/policy/45-cfr-chap-xiii</a>
- National Association for the Education of Young Children (NAEYC)
  - https://www.naeyc.org/accreditation/early-learning/process
- Nebraska Early Learning Guidelines
   https://www.education.ne.gov/oec/early-learning-guidelines/











#### **ECE Program Quality Metrics**

• ITERS/ECERS/FCERS https://ers.fpg.unc.edu/

CLASS & ELLCO

https://teachstone.com/class/

- Assessment of process quality
  - Interactions in the early education environment between
    - staff and children, parents & staff
    - the children themselves
    - the children and their environment
- Assessed through observations



#### Attend the needs of the child

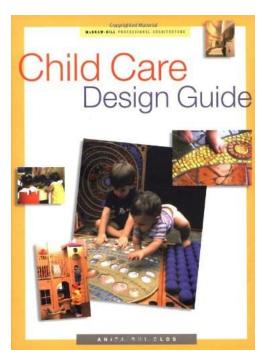
Environments for very young children should be purposefully designed to give comfort and security, and instill confidence that supports exploration and learning.

Security is fostered in the early learning environment when attention is provided to a child's four basic needs:

- Movement
- Comfort
- Competence
- Control

Anita Rui Olds







#### opportunities within the environment for a child to move about with no restrictions





#### providing a balance to stimulation that promotes interaction





#### a place for a child to feel orientated and comfortable





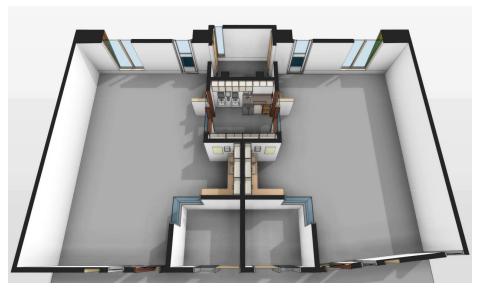
#### a variety of accessible events that a child can successfully complete





#### **Classroom Principles**

Classroom Plan-Section



#### Supervision of room / children

- Transparency
- Open plan, no hidden corners
   Flexibility & Adaptability
   Scale

#### Social connections

- between paired classrooms
- within classroom neighborhood
   Shared services



### Furniture & Furnishing

- Scaled to child level and size
- Age appropriate
- Adult Comfort for Engagement









### Furniture & Furnishing

• Cozy child spaces









## **Classroom Finishes**

- Comfort
- Durability & Maintenance









# Classroom Design – Views & Daylight









# Classroom Design – Views & Daylight

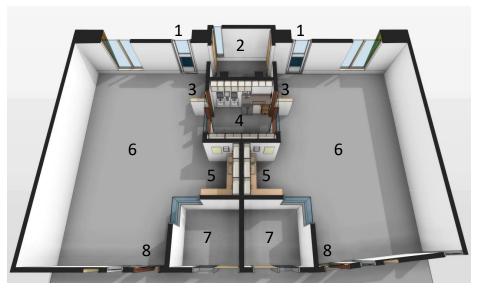






## **Classroom Design**

#### Classroom Plan-Section



### Classroom Design - Plan

- 1- Exit to Outdoor Learning
- 2- Art Room
- 3- Child Wash Area
- 4- Child Restroom
- 5- Food Prep
- 6- Classroom
- 7-Observation
- 8- Exit to Active Hallway



# **Classroom Design**



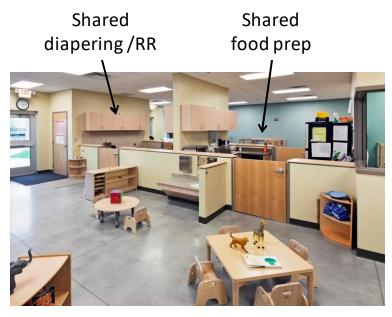
Classroom Design – Partial height walls



Classroom Design – Full height walls



## Classroom Design – half height walls

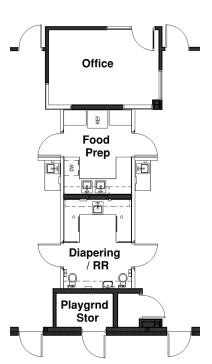




Shared food prep

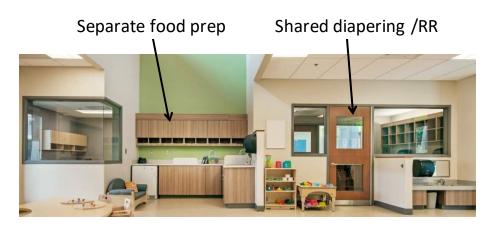


Shared diapering /RR





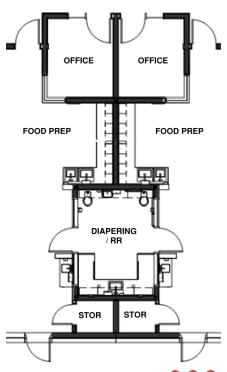
# Classroom Design – full height walls





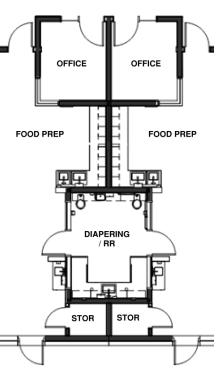




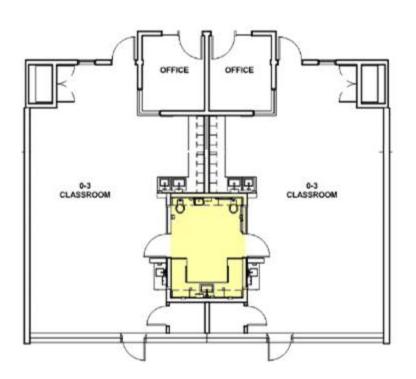


# Classroom Design – mix full & half





# Infant/Toddler – diapering/RR

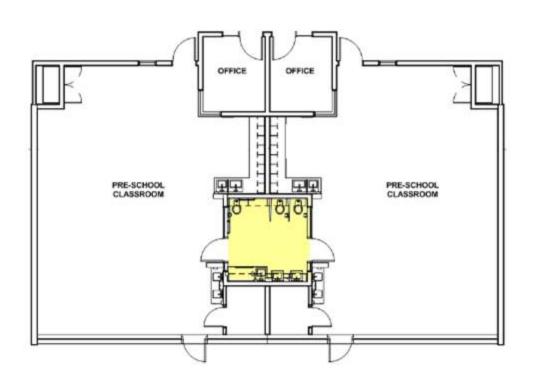








# Preschool – diapering/RR









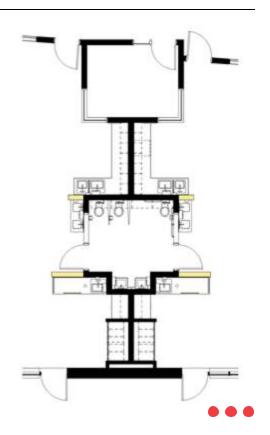
# Classroom – diapering within room



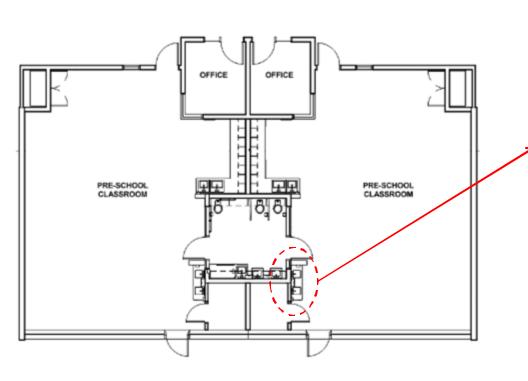








## **Classroom child sinks**











# Storage





## **Outside the Classroom**







#### Classroom Design - Plan

- 1- Exit to Outdoor Learning
- 2- Art Room
- 3- Child Wash Area
- 4- Child Restroom
- 5- Food Prep
- 6- Classroom
- 7- Observation
- 8- Exit to Active Hallway



### **Outside the Classroom**

Designing environments with subtle reminders that the world of a child is different











## **Outside the Classroom**































Open space for large motor activities





Music

Water play



Dramatic Play



Art



Tactile Play



Accessible Play



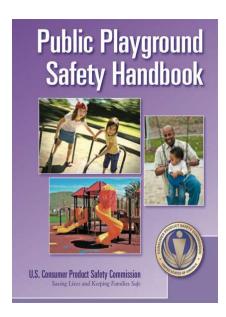
Provide Shade and fall surfacing



### **Playground Safety Guidelines**

### **Elements of Outdoor Design**

- Combination of traditional structures and Living Landscapes
- Loose Parts
- Age appropriate
- Sun safety
- Maintenance





## A Day in the Life of Early Care and Education

Early Care and Education is the foundation on which successful lives and communities are built.













