

Architects in Schools Sample Residency Planning Form

Grade Level: 4th

Residency Info:

Residency Topic/Focus: Playground Design

Residency Goals:

- Tie in with Bridges (Math) Unit 8 “Playground Design”
- Engage students into designing a playground for a newly opening BLP Elementary School
- Inspire students to explore architecture on their own
- Partner work-sharing ideas, resources and being a good communicator
- Have fun!

Possible activities in support of residency goals:

- Study/Evaluate/Discuss elementary school playgrounds
- Meet with playground designer for BLP schools?

Other resources you plan to use during your residency:

- Bridges Unit 8 lessons, workbooks, etc.
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Session #1 Info:

Session #1 Date: February 7

Session #1 Time: 10-11am

Session #1 Plan/Details:

Teacher Preparation:

- Explain the architects in schools program
- Packet of all lessons/handouts/worksheets.
- Folders for each student (create)

Introduction:

- Intro of the architect
- Architects in Schools Curriculum Guide lesson 1.23: Session #1 What is an Architect, What do They Do?
- Goals of the AiS program

Activity or Activities:

- Show students a drawing set of the new Bend Middle School
- Architects in Schools Curriculum Guide lesson 4.69: How it Feels to be a Structure

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- Architects in Schools Curriculum Guide lesson 4.80: What Makes Structures Stand Up?

Conclusion:

- What do you need to know to be an Architect?
- What's the best structural form and why?
- What are we going to do next time?

Materials needed for Session #1:

- Workbooks
- Construction paper
- Bend Middle School CD Set

Teacher follow-up before Session #2:

- Get feedback from students on what they liked or didn't like about the first session.
 - Prep for next session.
 - Architects in Schools Curriculum Guide lesson 3.46: Architectural Periods & Styles (if desired)
 - Architects in Schools Curriculum Guide lesson 3.49: Comparative Period Characteristics Chart (if desired)
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Session #2 Info:

Session #2 Date: February 21

Session #2 Time: 10-11am

Session #2 Plan/Details:

Introduction:

- Remind them what we did last time
- Intro what we're doing today

Activity or Activities:

- Architects in Schools Curriculum Guide lesson 3.7: The Native American Period
- Architects in Schools Curriculum Guide lesson 3.31: The Pioneer Period
- Talk about Regionalism in relation to early Oregon settlement patterns – images
- Have them choose a region of Oregon to research & a house style
- Architects in Schools Curriculum Guide lesson 2.27: Now Let's Try it on a Building

Conclusion:

- Summarize the basic concepts of regionalism, using natural materials, and importance of renewable resources

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Materials needed for Session #2:

- Blank paper
- Copies of house styles
- Oregon development patterns images
- Regional house designs images
- Regionalism settlement research worksheet:
 - Where is your house located?
 - Why did you settle there?
 - What natural materials are available?
 - What will you build your house out of?
 - What style house can you build?

Teacher follow-up before Session #3:

- Complete house drawings
 - Complete Regionalism settlement worksheets
 - Architects in Schools Curriculum Guide lesson 3.45: General Questions on Pioneer Period (if desired)
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Session #3 Info:

Session #3 Date: March 7

Session #3 Time: 10-11am

Session #3 Plan/Details:

Introduction:

- Remind them what we did last time
- Intro what we're doing today

Activity or Activities:

- Go over their settlement sheets
- What was most surprising?
- Where's the best place to live in Oregon & why?
- Review their house drawings and materials list
- Discuss how to make a presentation board
- Start final project (presentation board)

Conclusion:

- Summarize the basic concepts of sustainable design & which ones early settlers of Oregon most likely used
- Discuss the First Friday Presentation Event

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Materials needed for Session #3:

- Presentation Layout
- Green Building PowerPoint
- Presentation Examples
- Show photos from previous Exhibits
- Final Exhibit Set up

Teacher follow-up before Session #4:

Prepare final presentation

Session #4 Info:

Session #4 Date: March 21

Session #4 Time: 10-11am

Session #4 Plan/Details:

- Help with final presentation boards
- Coordinate delivery & pick up of boards to Exhibit

Materials needed for Session #4:

- Boards
- Paper
- Scissors
- Markers
- Glue