

Architects in Schools  
Sample Residency Planning Form

**Grade Level: 3<sup>rd</sup>**

**Residency Info:**

Residency Topic/Focus: Native Americans & Early Pioneers

Residency Goals:

- Introduce new vocabulary
- Teach kids about Native Americans, early Pioneers, and their architectural heritage
- Teach kids about design and sketching as a tool for thought

Possible activities in support of residency goals:

- PDF slide shows/presentations
- Lessons about sketching and sketchbooks
- Using flashcards to learn new architectural vocabulary
- Making geometric solids with paper
- Lessons in measuring and scale
- American geography as it pertains to Native American tribes and indigenous architecture
- Architects in Schools Curriculum Guide lesson 3.7: The Native American Period
- Architects in Schools Curriculum Guide lesson 3.31: The Pioneer Period

Other resources you plan to use during your residency:

- Guarnaccia, S. (2010). The Three Little Pigs: An Architectural Tale. New York: Abrams Books for Young Readers.
- Monroe, Jean Guard and Ray A. Williamson. (1993). First Houses: Native American Homes and Sacred Structures. (Susan Johnston Carlson, illust.) Boston: Houghton Mifflin Co.
- Siberell, Anne. (1979). Houses: Shelters from Prehistoric Times to Today. New York: Holt, Reinhart and Winston.
- Siegel, M., Cohen, J. & Katz, D. (1999). You Can Be a Woman Architect. Maria Del Ray, CA: Cascade Press

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**Session #1 Info:**

Session #1 Date: March 16

Session #1 Time: 1:00-2:15pm

Session #1 Plan/Details:

Before the Design Professional comes:

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- Teacher to introduce the students to the idea of architecture and the general kind of work an architect does.

### Introduction:

- Architect to introduce self and give presentation on what architects do and what design is. (15-30 min.)

### Activity or Activities:

- Architectural vocabulary (included in presentation)
- Architects in Schools Curriculum Guide lesson 2.9: How to Design a Functional Folder (45-60 min.)

### Conclusion:

- Architect to discuss how design is a part of everyday life and is not limited to architects, and how design improves our lives

### Materials needed for Session #1:

- Architect will provide construction paper, glue sticks, and all tools for making the student folders
- Teacher to provide tape and staplers as needed.
- Architect to also bring the model bases to the first class.

### Teacher follow-up before Session #2:

- Teacher to quiz students on architectural vocabulary and assist in the completion of the folders if they were not completed during the first session.
- Teacher to introduce the students to the concept of scale and help students research Native American architecture.

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## **Session #2 Info:**

Session #2 Date: April 6

Session #2 Time: 1:00-2:15pm

### Session #2 Plan/Details:

#### Introduction:

- Architect to give presentation on scale in architecture and present 2 styles of indigenous architecture (15-30 min.)

#### Activity or Activities:

- Architectural vocabulary (included in presentation)
- Designing/building with geometric solids (45-60 min.)

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### Conclusion:

- Architect to discuss how scale is a useful (and necessary) tool in design of all kinds.

### Materials needed for Session #2:

- Architect will provide wire, wood, and other atypical materials.
- Teacher to provide paper, glue, tape, staplers, and all necessary tools for making models of indigenous architecture.

### Teacher follow-up before Session #3:

- Teacher to quiz students on architectural vocabulary and assist in the completion of the 2 styles of indigenous architecture if they were not completed during the second session.
  - Teacher to introduce the students to the concept of structure and continue the research into Native American architecture.
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### **Session #3 Info:**

Session #3 Date: April 13

Session #3 Time: 1:00-2:15pm

### Session #3 Plan/Details:

#### Introduction:

- Architect to give presentation on structure in architecture and present 2 new styles of indigenous architecture (15-30 min.)

#### Activity or Activities:

- Architectural vocabulary (included in presentation)
- Designing/building with geometric solids (45-60 min.)

### Conclusion:

- Architect to discuss how structure shapes the world around us.

### Materials needed for Session #3:

- Architect will provide wire, wood, and other atypical materials.
- Teacher to provide paper, glue, tape, staplers, and all necessary tools for making models of indigenous architecture.

### Teacher follow-up before Session #4:

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### Sample Residency Planning Form

- Teacher to quiz students on architectural vocabulary and assist in the completion of the 2 styles of indigenous architecture if they were not completed during the third session.
  - Teacher to introduce the students to the concept of climate and discuss the different kinds of climates in which people live.
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#### **Session #4 Info:**

Session #4 Date: April 16

Session #4 Time: 1:00-2:15pm

#### Session #4 Plan/Details:

Introduction:

- Architect to give presentation on climate in architecture and present 2 new styles of indigenous architecture (15-30 min.)

Activity or Activities:

- Architectural vocabulary (included in presentation)
- Designing/building with geometric solids (45-60 min.)

Conclusion:

- Architect to discuss how climate influences our built environment.

#### Materials needed for Session #4:

- Architect will provide wire, wood, and other atypical materials.
- Teacher to provide paper, glue, tape, staplers, and all necessary tools for making models of indigenous architecture.

#### Teacher follow-up before Session #5:

- Teacher to quiz students on architectural vocabulary and assist in the completion of the 2 styles of indigenous architecture if they were not completed during the fourth session.
  - Teacher to introduce the students to the concept of technology and discuss how technology affects our lives.
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#### **Session #5 Info:**

Session #5 Date: April 27

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## Sample Residency Planning Form

Session #5 Time: 1:00-2:15pm

### Session #5 Plan/Details:

Introduction:

- Architect to give presentation on technology in architecture and present 2 new styles of indigenous arch. (15-30 min.)

Activity or Activities:

- Architectural vocabulary (included in presentation)
- Designing/building with geometric solids (45-60 min.)

Conclusion:

- Architect to discuss how technology influences our built environment.

### Materials needed for Session #5:

- Architect will provide wire, wood, and other atypical materials.
- Teacher to provide paper, glue, tape, staplers, and all necessary tools for making models of indigenous architecture.

### Teacher follow-up before Session #6:

- Teacher to quiz students on architectural vocabulary and assist in the completion of the 2 styles of indigenous architecture if they were not completed during the fourth session.
  - Teacher to introduce the students to the concept of aesthetics and help students research Pioneer architecture.
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### **Session #6 Info:**

Session #6 Date: May 11

Session #6 Time: 1:00-2:15pm

### Session #6 Plan/Details:

Introduction:

- Architect to give presentation on aesthetics in architecture and present 2 styles of Pioneer architecture (15-30 min.)

Activity or Activities:

- Architectural vocabulary (included in presentation)
- Designing/building with geometric solids (45-60 min.)

Conclusion:

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- Architect to discuss how aesthetics is evident in our built environment

#### Materials needed for Session #6:

- Architect will provide wire, wood, and other atypical materials.
- Teacher to provide paper, glue, tape, staplers, and all necessary tools for making models of indigenous architecture.

#### Teacher follow-up:

- Teacher to quiz students on architectural vocabulary and assist in the completion of the 2 styles of indigenous architecture if they were not completed during the final session.
- Teacher to also assist in the completion of the final models.