

## Training Resource E

Reflecting and Processing STEM Paper Structures Activity

### **Materials:**

Newspapers (enough for building with)

Masking Tape

Photos of famous structures (Eiffel Tower; St. Louis Gateway Arch, etc.)

Objects (books, paper, etc.) to test strength of the structure

- 1) Group children in pairs or groups of 4.
- 2) Provide a set of materials to each group.
- 3) Ask children to examine the photos and use the newspaper to build a 'structure' or table
- 4) Use the objects (or find others in the setting) to test the strength of the structure/table
- 5) Have children reflect and discuss throughout the process using The Reflective Process

What is important about the following?

- Balance
- Symmetry
- Wide base
- Height
- Materials used to build

How do these things help support the strength of the structure?

For more ideas about structures to use in your setting or with parents, try the following website:

<http://peepandthebigwideworld.com/media/pdf/peep-event-structures.pdf>