



Playhouse Challenge

Requirements:

1. 6th – 8th grade students.
2. Teams must have no more than 10 students.
3. Schools can have multiple teams.

Project:

1. Design a Playhouse that you would want in your backyard.
2. Theme
 - a. What do you want your Hangout Hut to look like?
 - b. Include features such as windows, doors, slides, colors, lights, etc.
3. Size
 - a. 20" x 16" x 16" (length x width x height)
4. Draw out your plans
 - a. Create your own blueprints.
5. Create a 3D model
 - a. Be creative with your materials such as lumber, cardboard, fabric, straws, paint, etc.
6. Provide team photo and a summary of the design
 - a. What inspired this design.
 - b. Name of all students that participated in the design.
 - c. Teachers names that helped with the project.
7. Projects are due to the Fargodome by Thursday, Feb 27, 2020.

Timeline:

1. Deadline to submit project application is January 24, 2020.
2. Projects are due to the Fargodome, Home & Garden Show on Thursday, Feb 27, 2020 by 6:30 p.m.
3. Winner will be announced at the Home & Garden Show Sunday, March 1st at 3:30 p.m. at the Home Builders Association of F-M Booth (1290).

Details:

The Playhouse challenge is to bring awareness to the trades industry alongside using the four C's (critical thinking, communication, collaboration and creativity). We are encouraging 6th – 8th grade classes to create a team(s) and design an outstanding 3D model of a Playhouse, that they would have wanted when they were younger. Just as builders they have to design homes for what their clients want.

The Playhouse's will be on display during the Home & Garden show and voted on by attendees and exhibitors. What is special about this Playhouse Challenge is the winning designs will be built during the Herdina Construction Trades camp June 1-12. But that's not it, the winning teams will receive pizza parties as well!

One of the Playhouses will be brought back to the 2021 Home and Garden Show to be raffled off. Raffle ticket sales will open November 2020 for \$20 a ticket with all proceeds donated to the Home Builders Care Foundation in support of workforce development and the Herdina Construction Trades camp.



Playhouse Challenge Application

School Name: _____

Teachers Name: _____

Team Members:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Theme of Playhouse: _____

All application need to be turned in my end of day **Friday, January 24** to Summer Hammond. Please email her at summer@hbafm.com or mail to HBA of F-M 1802 32nd Ave S Fargo, ND 58103. Once application has been received additional information will be sent out regarding delivery of project.