

Cardboard Math Arcade

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Caine Monroy is a 9 year old boy who created an elaborate cardboard arcade inside his dad's used auto parts store. He became an internet sensation when Nirvan stopped by to play Caine's arcade games, created a video, and posted it online.



Your students can create a cardboard arcade too! Whether you are reviewing previously learned content, practicing math facts, or preparing for state tests this fun project will put a smile on your students' faces!

This pack includes:

- **Instructions**
- **Comprehension Questions**
- **Arcade Game Planning Page**
- **Letter to Parents**

Some graphics from The Pond <http://frompond.blogspot.com>

Instructions:

Start by showing your students Caine's Arcade video:

<http://cainesarcade.com/>

Sit in a circle and discuss the video. You can use the comprehension questions to guide the discussion and/or you can use them as writing prompts.

Pass out the arcade game planning sheet. Have students work with partners to create a name for their arcade game, a math topic to focus on, a picture of what their game will look like, description, and list of supplies. Allow time for students to share their ideas and provide each other feedback before they start construction.

Students should collect cardboard boxes, shoe boxes, gift boxes, and other miscellaneous items. Math problems can be created on flashcards or cut up pieces of paper. Students can paint their boxes or glue on construction paper. They can make tickets and prizes or they can be purchased at Dollar Tree. At the end, invite another class to play your students' finished arcade games.

For more ideas go to:

<http://fourthgradegarden.blogspot.com>



Multiplication Monster Truck Jumps



Addition/Subtraction Cup Toss

Name: _____ **Comprehension Questions**

1. What character traits does Caine possess?

2. How does Caine's dad feel about Caine?

3. Why didn't Caine want to tell the kids at school about his arcade?

4. How has life changed for Caine?

Name: _____

Planning Sheet

Arcade Game: _____

Math Topic: _____

Description of Game: _____

Materials Needed: _____



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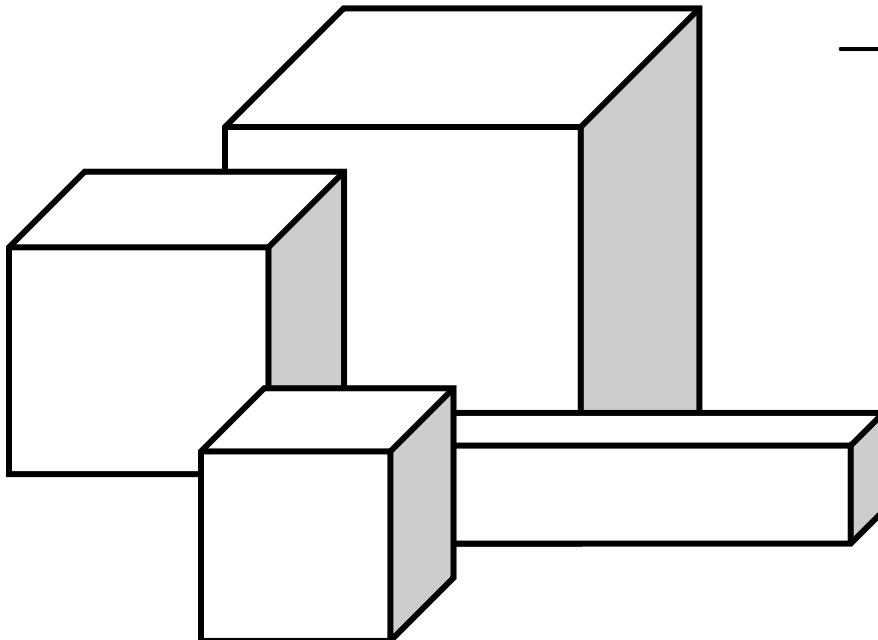
Dear Parents and Guardians,

Our class is creating a cardboard math arcade. We are in need of the following supplies:

- **Cardboard boxes**
- **Shoe boxes**
- **Recycled gift boxes**
- **Paper towel Rolls**
- **Egg cartons**
- **Other** _____

If possible, please send in any recycled items by _____.
Thank you for all your help!

Sincerely,



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<http://fourthgradegarden.blogspot.com>



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