



Worksheet
Build a Field

Your task is to make a baseball field using many different kinds of materials and such as pattern blocks, tiles, wood blocks, manipulatives, small balls, marbles, etc.

The first step is to make a plan for your design. A design plan helps you think about what your project will look like before you begin working. It is like an outline you make before you begin to write a story. This handout will help you figure out how you are going to build your baseball field.

Think about what a baseball field looks like. Visit the websites below to see some images of baseball fields:

- Ballparks of Baseball
<http://www.ballparksofbaseball.com/AmericanLeague.htm>
- X-treme Baseball
<http://library.thinkquest.org/J0111661/page1.htm>

Write down all the different shapes that are part of a baseball field in the space below.

Now it is your turn to solve the problem of how to create a baseball field. First, as a group, brainstorm ideas. Answer the questions below.

What kind of shapes will you need?

What size will you make your field?

Will you use rulers to measure the space you will need?

Will you use tiles or blocks to plan your space?

In the space below, write down a list of all the things you will need to include in your baseball field.

Would you like to include any other materials? If so, list them below.

The next step is to build your baseball field. Remember, there is no one right way to do this. You must figure out how to use the materials you have to create the field. Be creative. Think about how shapes look in a real baseball field and think about how you want them to look in your baseball field.

When you are finished, you are going to present your work to your classmates. Be sure to include an explanation of how geometric shapes are connected to real world examples. Write a paragraph explaining how you made your baseball field in the space below.
