



Cool Playgrounds

The Temperature Scavenger Hunt

Find an example of each surface below and measure its temperature in the sun and shade. If you find other types of surfaces, add them to the table and take their temperature too!

Type of surface	Temperature in the sunshine	Temperature in the shade
Pavement		
Grass or garden		
Mulch or soil		
Wood		
We found another surface:		
We found another surface:		

Visit the dark- and light-colored tiles and take their temperature. They are both in the sunshine.

Color	Temperature in the sunshine
The dark tile	
The light tile	

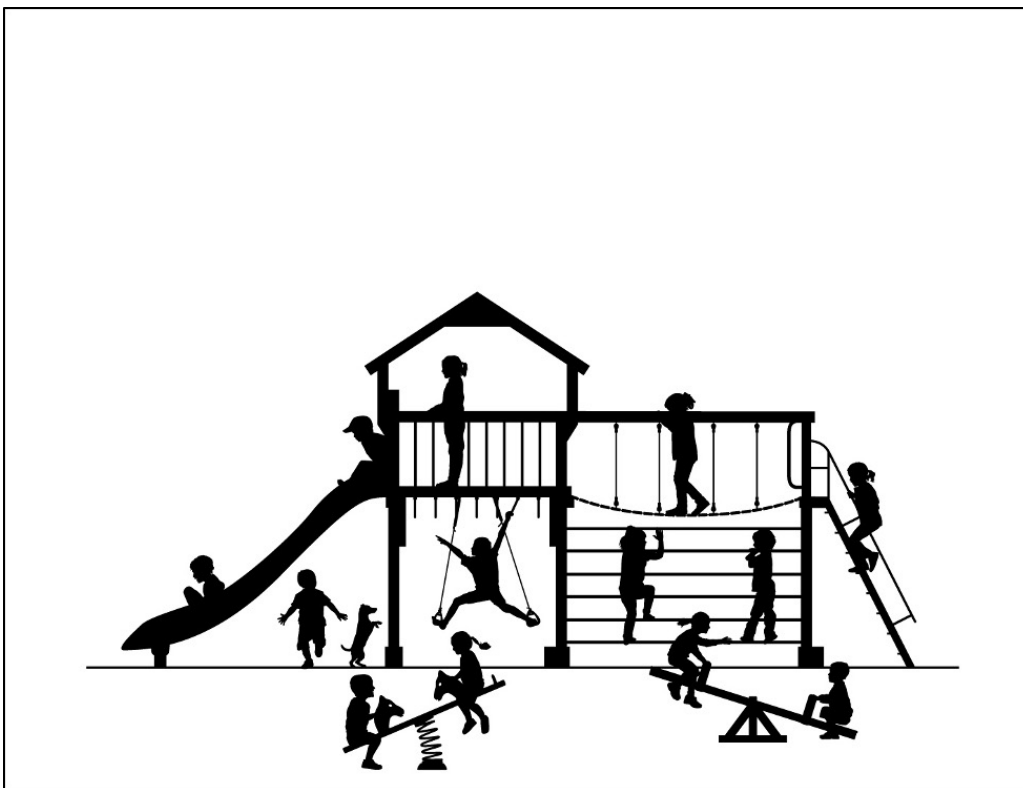


Cool Playgrounds

Design a Cool Playground

Version 1: Making a shade structure

- Draw what you want the playground shade structure to look like.
- Draw and label the types of ground surfaces you'd like to have in and around the playground to stay cool.
- Add a place in the shade where people can rest and a drinking fountain so that people get enough water when it's hot.



Visit the materials table and decide what you will use to build a model of your playground shade structure. List the materials below.



Cool Playgrounds

Design a Cool Playground

Version 2: Designing the playground and shade structure.

- Draw what you want the playground and its shade structure to look like.
- Draw the types of ground surfaces you'd like to have in and around the playground to stay cool.
- Add a place in the shade where people can rest and a drinking fountain so that people get enough water when it's hot.

A large, empty rectangular box with a black border, intended for students to draw their playground and shade structure design.

Visit the materials table and decide what you will use to build a model of your playground and its shade structure. List the materials below.
