

Materials Needed:

Coin & small game piece
(ex. pinto bean, macaroni, seed)



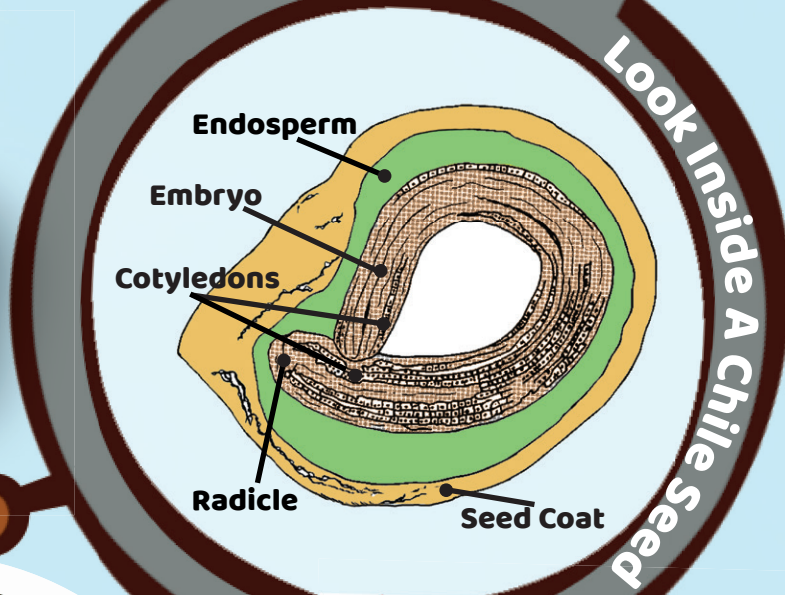
How To Play:

- 2-4 players are recommended or play teams
- Try Playing Class vs. Teacher or Kids vs. Parents
- Place game pieces on the start circle.
- Decide who goes first.
- Flip a coin to move game pieces.
(Heads = 1 space and Tails = 2 spaces)
- Read aloud and follow the directions on each space.
- The first one to the salsa wins!

Have Fun!

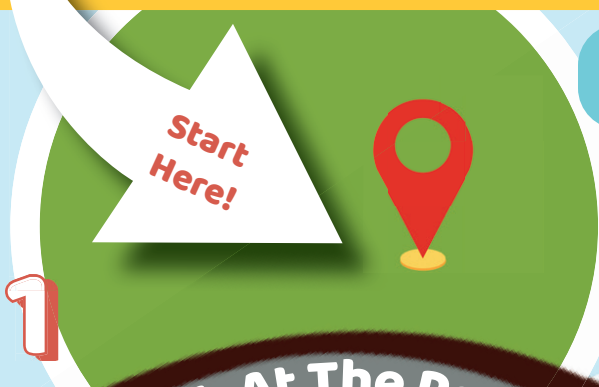
Seeds to Salsa

The Lifecycle Of A Chile Pepper Game

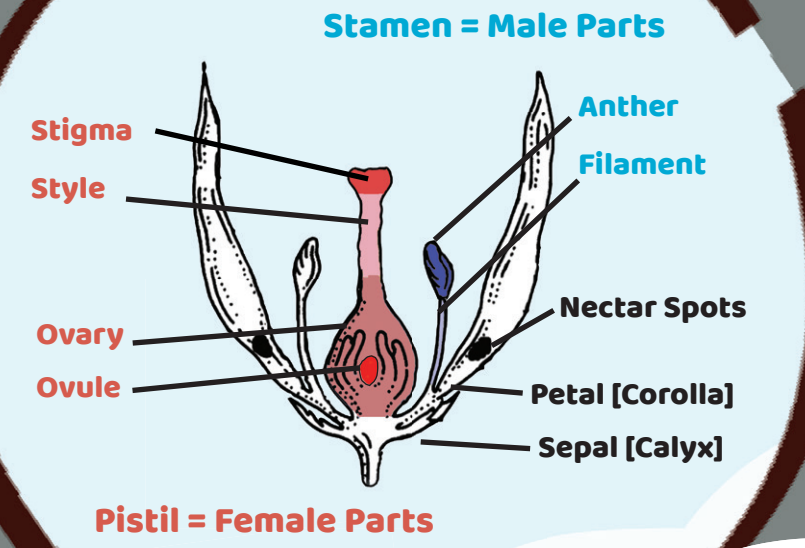


Seed Parts

- Embryo - a tiny plant
- Endosperm - surrounds & nourishes the embryo
- Cotyledons - the first part of the plant to emerge
- Radicle - the primary root
- Seed Coat - the outermost covering, protection



Take A Peek At The Perfect Flower!



Pistil:

- The female parts of a flower are the:
- Stigma
 - Style
 - Ovary
 - Ovule

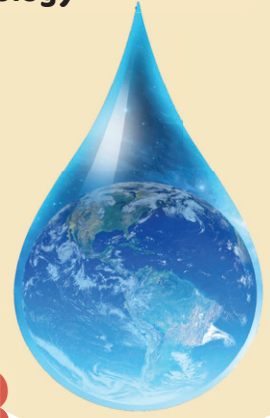
Stamen:

- The male parts of a flower are the:
- Anther
 - Filament

Prepare your field. Soil is where it all starts!



Water Conservation Technology



Not enough prep. You have weeds! Go back 1 space.



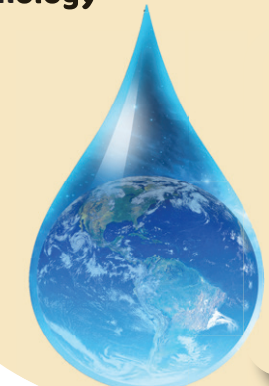
Plant your seeds! Move ahead 1 space if you can tell what the embryo is.



Irrigate or water your seeds. Take a drink of water.



Water Conservation Technology



You saved water by using drip tape, which is a water system that is buried below the plant to provide water directly to the roots. It conserves water by reducing evaporation. Move ahead 1 space!

Chile Flowers are perfect!

They have both male & female parts on the same flower and can even self-pollinate!



Laser level technology is often used to prepare the field. Scan & watch this video to move ahead 2 spaces.

New Mexico is an arid or dry climate with limited rainfall. Farmers must rely on getting water from rivers like the Rio Grande or drill underground wells to pump water to their fields. Wipe the sweat from your brows!

It's been 10-12 days since planting and your seeds are germinating! Move ahead 1 space.

Your cotyledons have arrived!



Watch for pests that can spread disease and kill plants! Move back 1 space. This bad guy spreads Curly Top virus!



Our sunny climate provides the 6-12 hours of sunlight chile plants like.

Sing: "You Are My Sunshine!"

Red chile can be made into many yummy things! Name your favorite way to eat chile for the win!

Your flowers need to be pollinated. Insects and wind will help!

Buzz like a bee!



Win an EXTRA turn IF you name two more pollinators!

Your field is infected with phytophthora blight! Go to "preparing your soil" (#2). Plants can get sick just like people, this is why research is so important.



Scan to learn more.

It takes about 165 days for chile to fully ripen to red!



Red chile is usually harvested by machine, as it is the final harvest of the plant.



Chile, the fruit part of the plant, will begin to form from the flower, once it is pollinated.

In about 120 days from planting, green chile can begin to be ready for harvesting.



If left on the plant, the green chile will continue to ripen and change colors from GREEN to RED!



Did You Know? Most green chile is harvested by hand but a new technology is now available that allows for harvesting by machine. Scan to learn more.



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Want to learn more?
Request a tour of the Chile Pepper Institute educational resources!
Email: CPI@nmsu.edu

Gameboard created by:
New Mexico
Agriculture in the Classroom
NEW MEXICO FARM & LIVESTOCK BUREAU

