

Clay Products Scavenger Hunt Directions for Play

The object of the game is to collect one clay item from each room. The first person to do so wins the game.

To prepare, sort the item cards by color (room) and place them face down.

This game is for 2 to 4 players. Each player places his or her marker at a different entrance to a room along the edge of the board. The youngest player begins and play continues clockwise.

During a player's turn, the player moves through a doorway into a room. Then the player chooses an item that seems likely to contain clay. The player takes the corresponding card and reads it. If the item contains clay, the player keeps the card. If not, the card is returned face down to the sorted cards. Then it is the next player's turn.

At each turn, the player must move to a new adjoining room.

Clay Products Scavenger Hunt

Clay Products Scavenger Hunt

Clay Products Scavenger Hunt Directions for Assembling Materials

The game consists of a game board, 64 two-sided cards, and 4 game markers (use buttons, plastic animals, game pawns, etc.).

Print the ten pages on heavy paper in color if possible.

Mount the game board on mat board (the colored cardboard used for mounting/ framing prints and photographs) or laminate it.

Cut out the cards and pair the front sides (picture and explanation side) with the corresponding back sides.

If laminating the cards, glue each front and back together with glue stick. Allow sufficient time for the glue stick adhesive to dry before laminating to avoid a lot of steam bubbles under the lamination.

If mounting on mat board, cut mat board rectangles that are somewhat larger than the cards so that there will be a narrow "frame" around each one. Use white craft glue to attach each card front to the colored mat board. Glue the card back on the white side of the mat board.

Cut out the directions for play and carefully tape them into the bottom of a plastic box in which the materials will be stored. Use wide clear tape to attach the labels to the ends of the box.

Bedroom

Cork board
Curtains
Teddy
Mirror
Antiperspirant
Lipstick
Book

Bathroom

Sink
Bar soap
Toothpaste
Towel
Toilet
Tissue
Rug
Slippers

Laundry Room

Wicker basket
Quilt
Plastic lawn chair
Soap powder
Jeans
Clothespins
Muddy boots
Latex paint

Dining Room

Crystal Punch Bowl
Glass vase
Soup crock
Teapot
Oak table
China cup
Cracker box
Candle
Tea kettle

Clay Scavenger Hunt

Four items in each room contain clay minerals. Can you find them?

Family Room

Rabbit food pellets
Computer
Couch
Marbles
Chalk
Candy
Shoe polish
Hand-woven carpet

Kitchen

Magnet
Cupboard door
Pills
Appliance cord
Wall Tiles
Salt
Soap gel

Garage

Firewood
Light socket
Toolbox
Tires
Golf clubs
Cat litter
Rake
Dashboard

Yard

Basketball Hoop
Bricks
Hammock
Flower pot
Cement walkway
Newspaper
Soil
Balloons

Non-Clay Item in the Bedroom



Cork board

Cork is the inner bark of a tree.

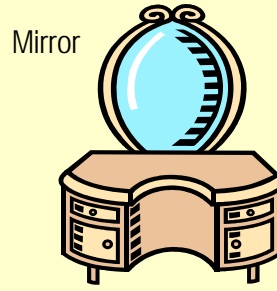
Non-Clay Item in the Bedroom



Teddy

Stuffed animals are made of fabric and polyester or foam stuffing.

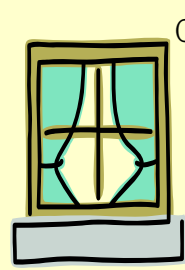
Non-Clay Item in the Bedroom



Mirror

A mirror is made of glass.

Non-Clay Item in the Bedroom

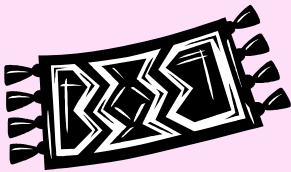


Curtains

Curtains are made of fabric.

Non-Clay Item in the Bathroom

Rug



Rugs are made of fabric or yarn.

Non-Clay Item in the Bathroom

Tissue



Although most paper is coated with clay, bathroom tissue is not so that it can absorb moisture better.

Non-Clay Item in the Bathroom



Towel

Towels are usually made of cotton.

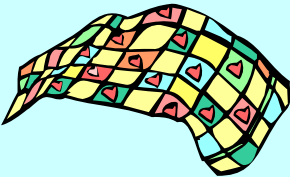
Non-Clay Item in the Bathroom

Slippers



Slippers are usually made of cloth or leather.

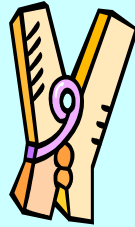
Non-Clay Item in the Laundry Room



Quilt

A quilt is made of fabric.

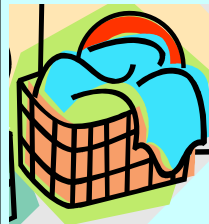
Non-Clay Item in the Laundry Room



Clothespin

Clothespins are made of wood and metal.

Non-Clay Item in the Laundry Room



Wicker basket

A wicker basket is made of reeds or split wood.

Non-Clay Item in the Laundry Room



Jeans

Jeans are made of cotton.

Non-Clay Item in the Yard



Hammock

Hammocks are made of fabric, ropes, and wood or steel.

Non-Clay Item in the Yard



Balloons

Balloons are made of rubber without a filler.

Non-Clay Item in the Yard



Basketball Hoop


A basketball hoop is made of metal, ropes, and wood.

Non-Clay Item in the Yard



Newspaper

Although almost all papers are coated with clay, newsprint is an exception. Newspaper is cheaper because it foregoes the clay coating. However, it does not last long.



Bedroom
Item
Curtains



Bedroom
Item
Mirror



Bedroom
Item
Teddy




Bedroom
Item
Cork board



Bathroom
Item
Slippers



Bathroom
Item
Towel



Bathroom
Item
Tissue



Bathroom
Item
Rug



Laundry
Room Item
Jeans



Laundry
Room Item
Wicker
basket



Laundry
Room Item
Clothespin



Laundry
Room Item
Quilt



Yard Item
Newspaper



Yard Item
Basketball



Yard Item
Balloons



Yard Item
Hammock

Clay in the Bedroom



Face powder

A variety of clay minerals are used in face powder because of their purity, smooth texture, ability to absorb oil and hold color.

Clay in the Bedroom

Lipstick



Smectite clays are used in lipstick because of their purity, smooth texture, and ability to hold moisture.

Clay in the Bedroom

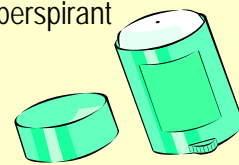


Books

Kaolin clays coat most papers to give them a bright white glossy finish that keeps ink from bleeding.

Clay in the Bedroom

Antiperspirant



Deodorants and antiperspirants contain smectite clay that absorbs sweat and prevents bacteria from forming odor-causing compounds.



Clay in the Bathroom

Sink

Most bathroom sinks are made of porcelain and are called sanitary ware. Kaolin clays are fired at high temperature to make this water-proof, glassy ceramic.

Clay in the Bathroom



Bar soap

Finely milled talc is used in bar soap to give a smooth texture and carry perfumes.

Clay in the Bathroom

Toilet



Most toilets are made of porcelain and are called sanitary ware. Kaolin clays are fired at high temperature to make this water-proof, glassy ceramic.

Clay in the Bathroom

Toothpaste



Smectite gel is used in toothpaste because it is nontoxic, holds its shape when squeezed from tube, and dissolves in saliva.



Clay in the Laundry Room

Soap powder

Most laundry soap powders contain talc because it resists caking, is an inexpensive filler, and carries detergents and perfumes.

Muddy boots Clay in the Laundry Room



Mud is made of clay minerals mixed with organic materials, sand and water. Soils contain a variety of clay minerals.



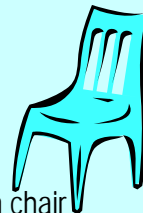
Clay in the Laundry Room

Latex paint

Latex paints contain kaolin to give a bright white base for color and smectite to thicken the paints to stop drips. The clay minerals are platy and coat the wall.

Clay in the Laundry Room

Plastic lawn chair



Talc is a filler in plastics for lawn furniture because it mixes well with plastic and resists ultraviolet radiation from the sun.

Clay in the Yard

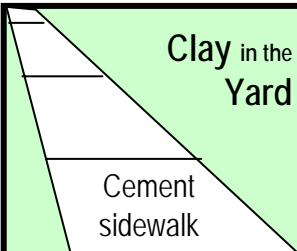


Flower pot

Most orange-brown flower pots are made of terracotta, which is formed of clays fired at low temperatures.

Clay in the Yard

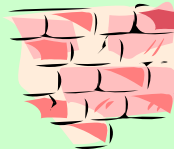
Cement sidewalk



Clays are an essential ingredient in cement. Smectite clay gives wet cement a gel texture and stickiness.

Clay in the Yard

Bricks



Most bricks are terra cotta or stoneware ceramics, material made of fired clays. Bricks are durable, fairly inexpensive, and insulate well.

Clay in the Yard

Soil



Soils are made of clay minerals, weathered rock and organic materials.

Bedroom Item
Antiperspirant

Bedroom
Item
Books

Bedroom
Item
Lipstick

Bedroom Item
Face Powder

Bathroom
Item
Toothpaste

Bathroom
Item
Toilet

Bathroom
Item
Bar Soap

Bathroom
Item
Sink

Laundry
Room Item
Plastic
Lawn Chair

Laundry
Room Item
Latex paint

Laundry
Room Item
Muddy
boots

Laundry
Room Item
Soap
powder

Yard Item
Soil

Yard Item
Bricks

Yard Item
Cement
sidewalk

Yard Item
Flower pot

Clay in the Family Room



Rabbit food pellets

Smectite clay is used to bind animal feed particles together into pellets. Smectite is nontoxic, pure, and forms a durable pellet.

Clay in the Family Room



Computer

Plastic housing for computers contains talc filler because it is resistant to UV radiation from the electronics.

Shoe polish Clay in the Family Room



Shoe polishes contain talc because it coats the shoe to form a water-resistant, protective coating.

Clay in the Family Room



Chalk

Chalk is made with finely milled kaolin.

China cup Clay in the Dining Room



Fine china is made of porcelain, which contains kaolin clays. Porcelain is fired at a high temperature and is impermeable (waterproof).

Soup crock Clay in the Dining Room



Most crocks are made of stoneware, a heavy, durable ceramic made of fired clays.

Clay in the Dining Room Teapot



Teapots are often earthenware ceramics made of fired clay with colorful glazes.

Clay in the Dining Room



Cracker box

Most cardboard packaging is coated with kaolin clay to make the surface smooth, glossy, and accept ink.

Clay in the Garage



Cat litter

Smectite clays are used in cat litter to absorb urine and prevent odors. They are inexpensive and mimic the desert soils of wild cats' natural habitats.

Clay in the Garage



Light socket

Talc is used to make porcelain sockets for electric bulbs and other electric fixtures because of its ability to insulate against electricity and heat.

Clay in the Garage

Dashboard



Plastic used in car dashboards contains talc because of its ability to resist ultraviolet radiation from the sun.

Clay in the Garage



Tires

Talc and kaolin are used as filler in many rubber products, including tires because it mixes well with the rubber, improves durability, and is inexpensive.

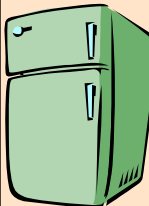
Clay in the Kitchen



Pills

Talc and kaolin are used as fillers to carry medicine in many pharmaceuticals because they are non-reactive and pure.

Clay in the Kitchen



Appliance cord

Talc is mixed with plastic used to coat electric wires because of its durability and resistance to electricity and heat.

Clay in the Kitchen

Soap gel



Smectite is used in hand soap gels because of its purity, natural soapiness, and ability to form a water-soluble gel that can be pumped from the dispenser.

Clay in the Kitchen



Wall Tiles

Ceramic wall tiles are made with glazed and fired clays.



Family Room Item
Chalk



Family Room Item
Shoe polish



Family Room Item
Computer




Family Room Item
Rabbit food pellets



Dining Room Item
Cracker box



Dining Room Item
Teapot



Dining Room Item
Soup crock



Dining Room Item
China cup



Garage Item
Tires



Garage Item
Dashboard



Garage Item
Light socket




Garage Item
Cat litter



Kitchen Item
Wall tiles



Kitchen Item
Soap gel

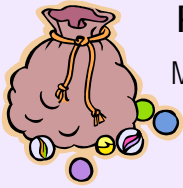


Kitchen Item
Appliance cord



Kitchen Item
Pills

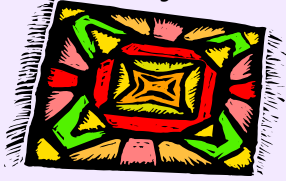
Non-Clay Item
in the Family
Room



Marbles

Modern toy marbles are made of glass.

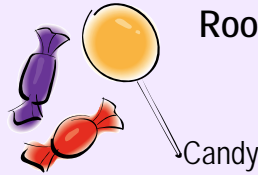
Non-Clay Item in
the Family Room



Hand-woven carpet

Hand woven carpets are made with wool, cotton, or synthetic yarns.

Non-Clay Item
in the Family
Room



Candy

Candy is made with sugar, not clay.

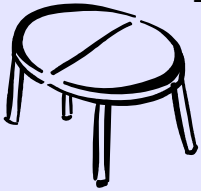
Non-Clay Item
in the Family
Room

Couch



A couch does not contain clays; it is made of fabric, wood, and steel.

Oak table
Non-Clay
Item in the
Dining
Room



An oak table is made of wood.

Non-Clay
Item in the
Dining
Room



Crystal Punch Bowl

A crystal punch bowl is made with lead glass. It does not contain clay.

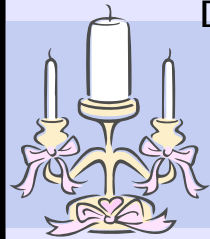
Non-Clay
Item in the
Dining
Room



Glass vase

Glass vases do not contain clay.

Candle
Non-Clay
Item in the
Dining
Room



Candles are made of paraffin wax.

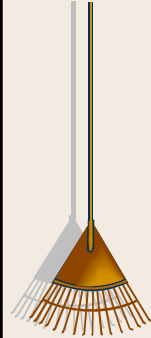
Non-Clay Item in
the Garage



Firewood

Firewood is made of the cut branches and trunks of trees.

Non-Clay
Item in the
Garage



Rake

A rake is made of steel or bamboo.

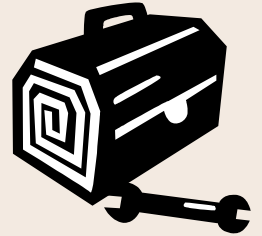
Non-Clay
Item in the
Garage



Golf clubs

Golf clubs are made of steel and wood.

Non-Clay Item in
the Garage



Toolbox

A toolbox is made of steel.

Non-Clay Item in
the Kitchen



Salt

Although salt is a mineral, it is not a clay mineral.

Non-Clay Item in
the Kitchen



Magnet

Magnets are made of steel.

Non-Clay Item in
the Kitchen

Teakettle



Most teakettles are made to be placed on a stove and therefore are made of metal.

Non-Clay Item in
the Kitchen

Cupboard door



Cupboard doors are made of wood or metal.



Family Room Item
Couch



Family Room Item
Candy



Family Room Item
Hand woven carpet




Family Room Item
Marbles



Dining Room Item
Candle



Dining Room Item
Glass vase



Dining Room Item
Crystal punch bowl



Dining Room Item
Oak table



Garage Item
Toolbox



Garage Item
Golf clubs



Garage Item
Rake



Garage Item
Firewood



Kitchen Item
Cupboard door



Kitchen Item
Teakettle



Kitchen Item
Magnet



Kitchen Item
Salt