

Clay Vocabulary Chapter 1, 2 - 3 answers 1st hr

Ceramic things made from clay, basic material for all ceramic material-

Plastic the property of clay that allows it to change shape without tearing and breaking (is clay plastic when it is leatherhard)

Glaze coating of glass fused to the surface of the ceramic piece - has to be fired

Slip suspension of clay in water used to join pieces... can also be used for decoration

Kiln the furnace/oven that fires clay most times it fires at 1800 degrees

Name the four basic techniques for forming clay.

Pinching coiling molding slab throwing

How was earliest pottery most likely fired?

Fire- an open fire - accidental straw pot wrapped in mud fell in fire

Why does controlling the rate of heat and atmosphere in the kiln make a difference?

Chemical reaction - creates different effects - red glaze really changes

What happens when you reduce the air in the firing chamber? Fig 1-21

Changes colors and effects

What happens when you add air to the firing chamber? Fig 1-22

Changes colors and effects

Chapter 2

Traditional Pottery made by hand designed with natural pigments and oxides

Grog is organic material added to clay to make it porous- build more successfully finely ground clay that is fired, added to clay body

Wedging/Kneading getting out air bubbles air bubbles in the clay causes and explosion molecules expand and explode

Aesthetics the beauty of the thing or objects or experience... it can be a feeling

Plasticity the ability of the clay to change

Shrinkage happens when the clay fire in the kiln, also when the clay is drying Can you add clay to a piece that has dried

Texture is an element of design.... Refers to the visual surface how it appears smooth shiny or rough

How does moisture affect the clay?

Too wet - muddy can not work with

Too dry - not plastic

Just right to make art

Emphasis is principle of design refers to center of interest in an art form

List the steps in Aesthetic scanning in your own words.

Chapter 3

Pinch hand building with clay

Coil clay that is formed by rolling into long pieces like rope

Extruder process of shaping clay through a die

Slab flat piece of clay

Why would you add a foot to your pot?

Balance, give more height and elevate for glaze firing...decorative

Relief type of sculpture

High

Low is carving into your pots

Flat

Intaglio scratch

What are functional purposes of ceramic objects?

To hold things - keep/ store - wine oils grain - magazines were areas where the pots were stored used for grave markers

Cooking tableware floor coverings

What is the purpose of representational or non-representational ceramic objects?

Person animal object non rep induce mood or emotion

Mixed Media Sculpture

Space

Slip is used to join areas

Why don't you glaze bottom of pot

All glaze recipes equal what number

What is bisque

What happens in the first firing

What is clay called before fired

Can pots touch in the kiln

Four firing method methods