

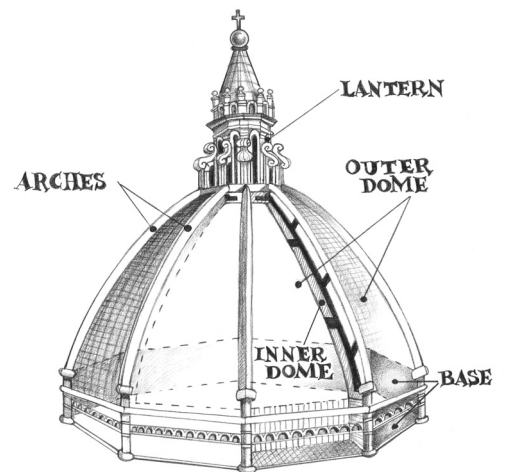
Station A: Advances in Architecture and Engineering



To construct a dome this large that would not collapse, Brunelleschi designed it to fit an octagonal (eight-sided) base.

The dome has eight massive marble ribs, or arches, that interlock at the top. The weight of these ribs is supported by hoops of oak, iron, and brick that bind them to the base.

Over and under the ribs are an inner dome and an outer dome. Between these two domes are eight large ribs and sixteen smaller ribs connected by bricks for additional support.



Follow these steps to set up Station A.

Step 1: Gather the materials.

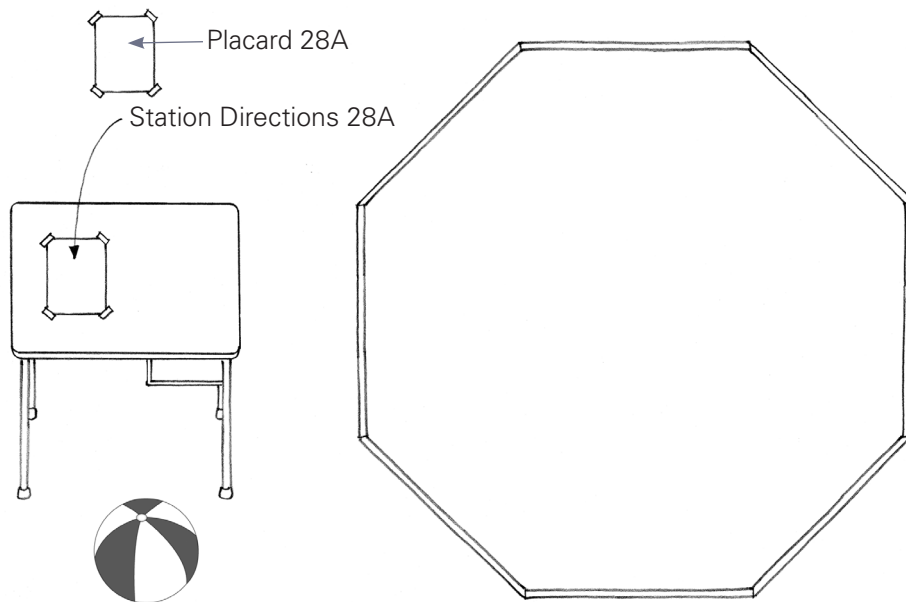
- Station Directions 28A
- Placard 28A
- masking tape
- beach ball (one for every two pairs at a site)

Step 2: Set up the station. If you have enough materials, set up two identical stations at this site.

- Tape a copy of Station Directions 28A to a desk.
- Tape Placard 28A to the wall above the desk
- Next to the desk, create an octagon on the floor using eight pieces of tape as shown below.

Each piece of tape should be about 3 feet long (about the distance between a student's feet when placed wider apart than shoulder width).

The station should look like this.



Station B: Advances in Painting

*Adoration of the Magi* by Sandro Botticelli

Follow these steps to set up Station B.

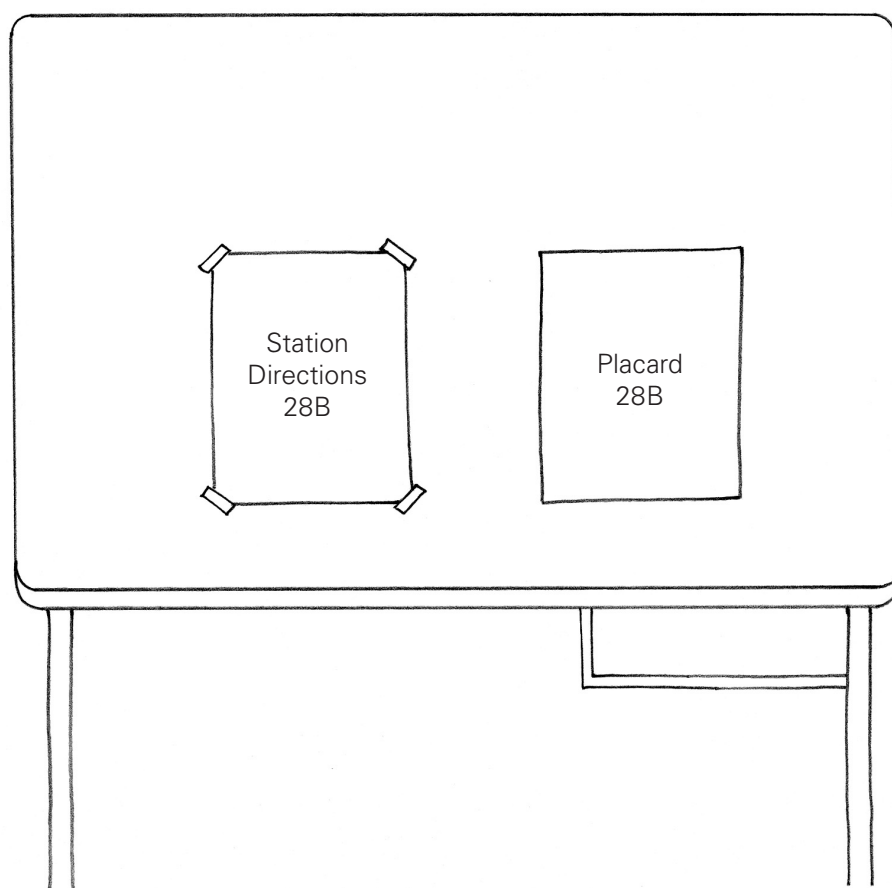
Step 1: Gather the materials.

- Station Directions 28B
- Placard 28B

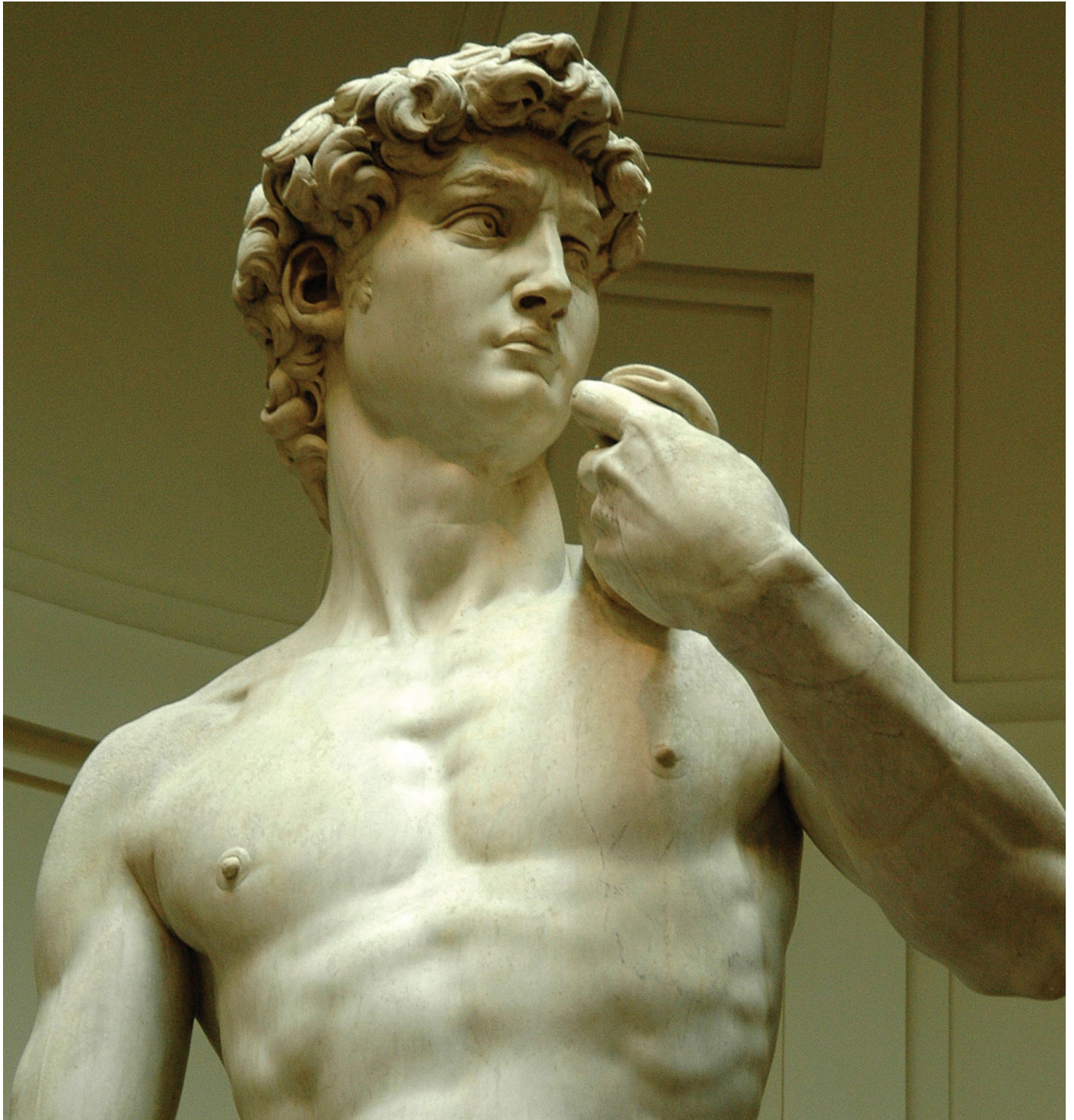
Step 2: Set up the station. If you have enough materials, set up two identical stations at this site.

- Tape Station Directions 28B to the desk.
- Place Placard 28B on the desk.

The station should look like this.



Station C: Advances in Sculpture



David by Michelangelo

Follow these steps to set up Station C.

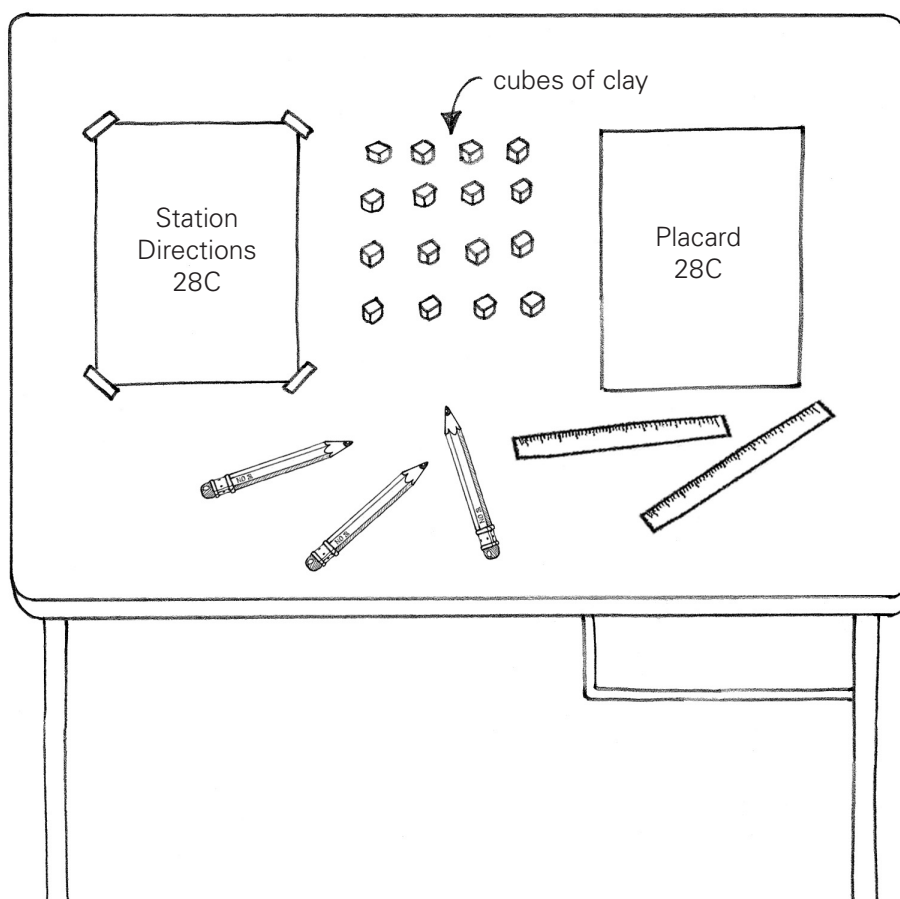
Step 1: Gather the materials.

- Station Directions 28C
- Placard 28C
- cubes of modeling clay
- pencils or rulers

Step 2: Set up the station. If you have enough materials, set up two identical stations at this site.

- Tape Station Directions 28C to the desk.
- Place Placard 28C on the desk.
- Place clay and pencils or rulers on the desk.

The station should look like this.



Station D: Advances in Literature

**The Afterlife in
Dante's *The
Divine Comedy*****Image A**

The Granger Collection, New York

**Image B****Image C**

Follow these steps to set up Station D.

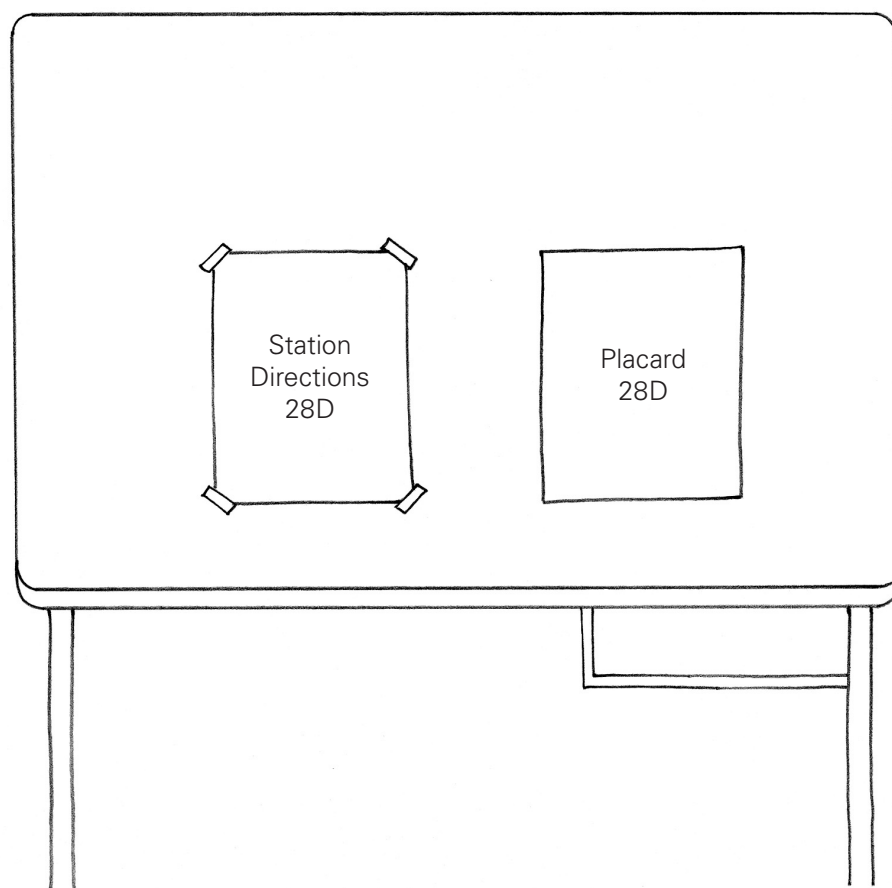
Step 1: Gather the materials.

- Station Directions 28D
- Placard 28D

Step 2: Set up the station. If you have enough materials, set up two identical stations here.

- Tape Station Directions 28D to the desk.
- Place Placard 28D on the desk.

The station should look like this.



Station E: Advances in Science and Mathematics

Drawings from Leonardo's Notebooks

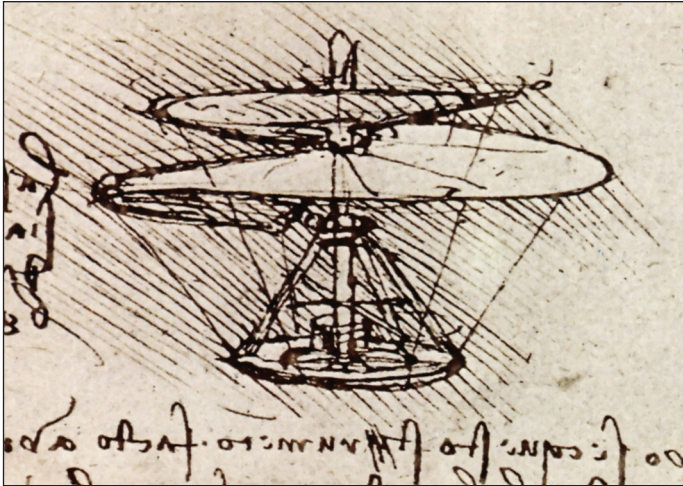


Image A

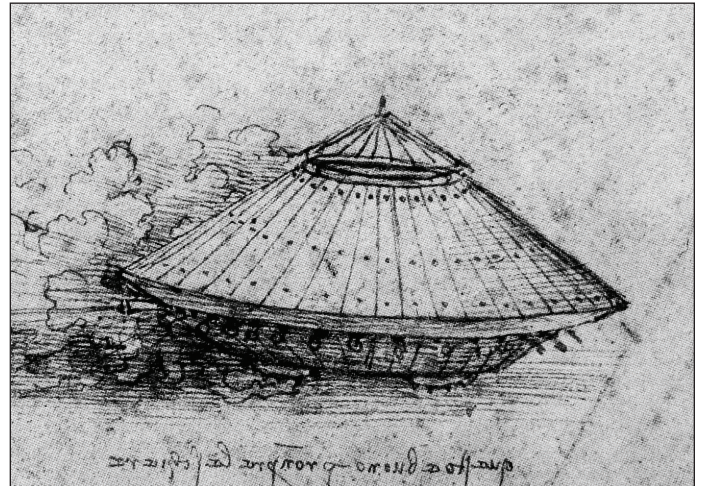


Image B



Image C



Image D

Follow these steps to set up Station E.

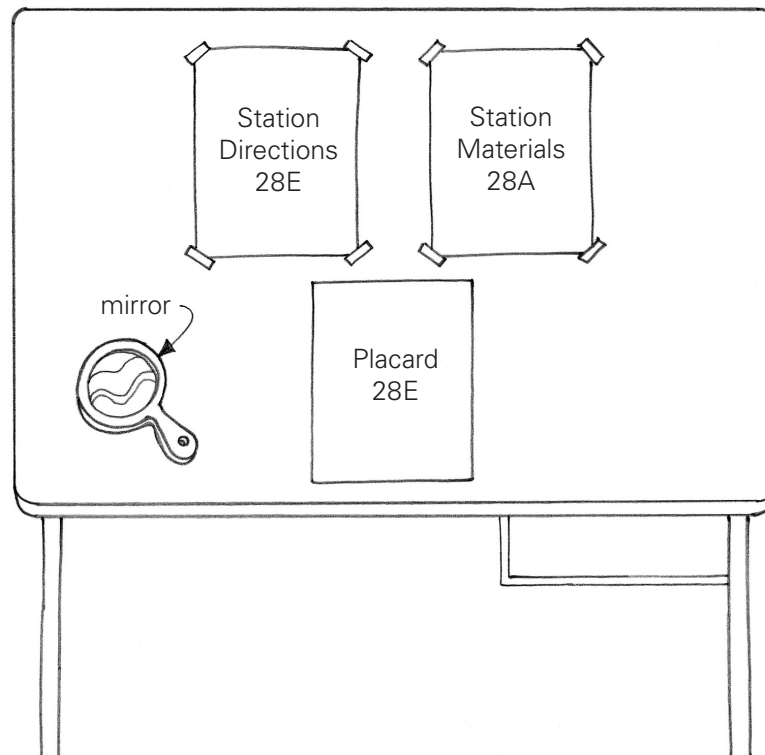
Step 1: Gather the materials.

- Station Directions 28E
- Placard 28E
- Station Materials 28A
- small mirror

Step 2: Set up the station.

- Tape Station Directions 28E and Station Materials 28A to the desk.
- Place Placard 28E on the desk.
- Place the mirror on the desk.

The station should look like this.



Station F: Florentine Politics



Niccolò Machiavelli, 1469–1527

Quotation 1

"A prince should have no other aim or thought, nor take up any other thing for his study, but war and its organization and discipline, for that is the only art that is necessary to one who commands."

Quotation 2

"Thus, it is well to seem merciful, faithful, humane, sincere, religious, and also to be so; but you must have the mind so disposed [ready] that when it is merciful to be otherwise, you may be able to change to the opposite qualities."

Quotation 3

"In the actions of men, and especially of princes, from which there is no appeal, the end justifies the means."

Follow these steps to set up Station F.

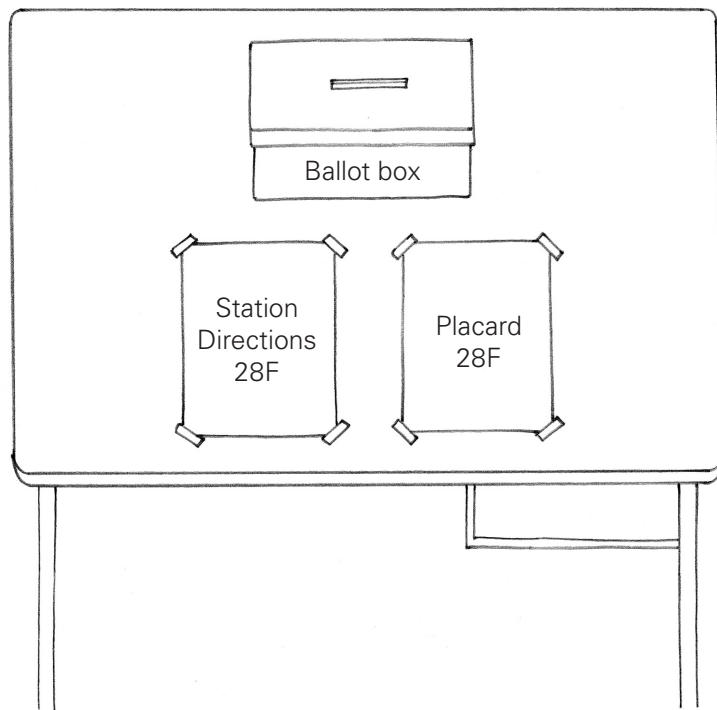
Step 1: Gather the materials.

- Station Directions 28F
- Placard 28F
- Station Materials 28B (cut into ballots)
- Ballot box or basket

Step 2: Set up the station. If you have enough materials, set up two identical stations at this site.

- Tape Station Directions 28F to the desk.
- Place Placard 28F on the desk.
- Place the ballot box or basket on the desk.

The station should look like this.



Station G: Florentine Commerce and Trade



The Mercato Nuovo, Florence

Catalog of Florentine Goods			
Food		Clothing	
Salt	1 florin	Wool cloak	3 florins
Sack of grain	1 florin	Leather shoes	3 florins
Bag of dried beans	1 florin	Wool stockings	3 florins
Barrel of oil	1 florin	Silk scarf	5 florins
Jar of spices from Southeast Asia	5 florins	Miscellaneous	
Housewares		Book of poetry	5 florins
Wooden stool	3 florins	Down payment for a loan of 50 florins	5 florins
Ceramic jug	3 florins	Packet of herbs to treat aches and pains	5 florins

Follow these steps to set up Station G.

Step 1: Gather the materials.

- Station Directions 28G
- Placard 28G

Step 2: Set up the station. If you have enough materials, set up two identical stations here.

- Tape Station Directions 28G to the desk.
- Place Placard 28G on the desk.

The station should look like this.

