



# PLASTER BRAIN LESSON PLAN



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## Essential Question

What are some major areas of the brain and what are their general functions?

## Goals

1. Create a small press mold brain that allows them to label its different parts
2. Learn the major areas of the brain and their functions

## Materials

- plaster
- several small brain molds
- tempera or acrylic paint
- paint brushes
- markers
- small buckets (1 gallon) for mixing plaster

## Subject Connections

Overview of the physical characteristics of the brain.

## Lead In

Show several examples of the brain's major areas and list some of the functions of each.

## Directions

1. Mix plaster in a one-gallon bucket, use 1 ó quarts of cold water for each 4.4 lb. carton of
2. plaster
3. 3. Pour water in first and then hand mix the plaster as you pour it in until there are no lumps
4. 4. left, this should take about 5 minutes
5. 5. Pour plaster into molds (lightly tap the sides to get rid of air pockets and bubbles)
6. Set aside to dry overnight
7. Carefully remove plaster from the mold being careful not to push on it too hard
8. Review these sections of the brain
9. Paint each section a different color
10. Label each section with markers

## Resources

Brain areas- <https://explorable.com/lobes-of-the-brain>

## Materials

Plaster - [https://www.amazon.com/Dap-Plaster-Paris-20-Min/dp/B008SR3W1G/ref=pd\\_sbs\\_201\\_17?encoding=UTF8&pd\\_rd\\_i=B008SR3W1G&pd\\_rd\\_r=DRSSTV8NA1875ZSZ6XG3&pd\\_rd\\_w=scP3h&pd\\_rd\\_wg=Ng4rj&pvc=1&refRID=DRSSTV8NA1875ZSZ6XG3](https://www.amazon.com/Dap-Plaster-Paris-20-Min/dp/B008SR3W1G/ref=pd_sbs_201_17?encoding=UTF8&pd_rd_i=B008SR3W1G&pd_rd_r=DRSSTV8NA1875ZSZ6XG3&pd_rd_w=scP3h&pd_rd_wg=Ng4rj&pvc=1&refRID=DRSSTV8NA1875ZSZ6XG3)

Molds - [https://www.amazon.com/dp/B07F8KBT19/ref=sspa\\_dk\\_detail\\_8?psc=1](https://www.amazon.com/dp/B07F8KBT19/ref=sspa_dk_detail_8?psc=1)