

Name: _____



Post-Visit Review

Use the information supplied in the teacher's guide, along with the ideas learned during the tour and hands-on experience at Hopewell Furnace, to answer these questions.

You go to a beach full of beautiful sand for a picnic. While you are there you notice that you are leaving footprints in the sand. (circle the correct answer)

1. Is your foot considered a MOLD, a CAST, or a PATTERN?
2. If you were to pour plaster-of-paris into the footprint and let it harden, would the plaster-of-paris foot be considered a MOLD, a CAST, or a PATTERN?
3. Is your original footprint considered a MOLD, a CAST, or a PATTERN?

The following questions concern jobs at Hopewell Furnace in the 1800s. Here are the possible answers: filler, gutterman, moulder, miner, quarryman, collier, keeper, ironmaster, or maid.

4. The _____ was the supervisor, and usually owner, of the furnace.
5. _____ used shovels to remove the iron ore from the earth.
6. A _____ was the skilled person who made charcoal from wood.
7. The _____ was the foreman and was in charge of the furnace operation. He carried out the orders of the ironmaster. His assistant was called the keeper.
8. A _____ was usually a woman who was in charge of doing household duties for another person.
9. Workers who dug the limestone from quarries were called _____.
10. _____ made sand molds from patterns and then poured molten iron into the molds to produce cast iron products.

Name: _____ *Answer Key* _____



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2. If you were to pour plaster-of-paris into the footprint and let it harden, would the plaster-of-paris foot be considered a MOLD, a **CAST**, or a PATTERN?
3. Is your original footprint considered a **MOLD**, a CAST, or a PATTERN?

The following questions concern jobs at Hopewell Furnace in the 1800s. Here are the possible answers: filler, gutterman, moulder, miner, quarryman, collier, keeper, ironmaster, or maid.

4. The _____ *Ironmaster* _____ was the supervisor, and usually owner, of the furnace.
5. _____ *Miner* _____ used shovels to remove the iron ore from the earth.
6. A _____ *Collier* _____ was the skilled person who made charcoal from wood.
7. The _____ *Founder* _____ was the foreman and was in charge of the furnace operation. He carried out the orders of the ironmaster. His assistant was called the keeper.
8. A _____ *Maid* _____ was usually a woman who was in charge of doing household duties for another person.
9. Workers who dug the limestone from quarries were called _____ *Quarryman* _____.
10. _____ *Moulder* _____ made sand molds from patterns and then poured molten iron into the molds to produce cast iron products.