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Pathfinder's Name

## Soap Craft

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1. What is soap?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. What three ingredients are necessary used to make soap?

1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

3. What is the difference between soap and detergent?

soap

\_\_\_\_\_  
\_\_\_\_\_

detergent

\_\_\_\_\_  
\_\_\_\_\_

4. What is the difference in toilet soaps and non-toilet soaps?

toilet soaps

\_\_\_\_\_  
\_\_\_\_\_

non-toilet soaps

\_\_\_\_\_  
\_\_\_\_\_

5. Name three uses of non-toilet soaps.

1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

- 6. Discuss how toilet soaps work to clean.

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- 7. Research the history and origin of soap. Answer the following questions:

- a. What is the oldest record of soap?

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- b. In what context is soap mentioned in the Bible?

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- c. How did WWI affect soap production?

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- 8. What is soap scum?

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- 9. Carve an object from a bar of soap.

Date completed: \_\_\_\_\_

- 10. Decorate a bar of soap for a gift.

Date completed: \_\_\_\_\_

## Soap Craft, Advanced

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- 1. Have the Soap Craft Honor.
- 2. What safety equipment should be used when making soap with and with out lye?  
\_\_\_\_\_  
\_\_\_\_\_
- 3. Name three types of lye. Explain what lye is and why it is needed to make soap.
  - 1. \_\_\_\_\_
  - 2. \_\_\_\_\_
  - 3. \_\_\_\_\_\_\_\_\_\_  
\_\_\_\_\_
- 4. Describe what happens when a strong base is added to an oil or fat. What is it called?  
\_\_\_\_\_  
\_\_\_\_\_
- 5. What makes “hard” soap versus “soft” soap?  
\_\_\_\_\_  
\_\_\_\_\_
- 6. What types of fats can be used in making soap?  
\_\_\_\_\_  
\_\_\_\_\_
- 7. What is used in making soap transparent?  
\_\_\_\_\_  
\_\_\_\_\_

8. What are the advantages and disadvantages of soap and detergent?

	Advantages	Disadvantages
Soap	_____	_____
	_____	_____
	_____	_____
Detergent	_____	_____
	_____	_____
	_____	_____

9. What makes soap float?

\_\_\_\_\_  
\_\_\_\_\_

10. Learn the following verses: Jeremiah 2:22, Malachi 3:2.

Date completed \_\_\_\_\_

11. Identify some things that can be added to soap.

\_\_\_\_\_  
\_\_\_\_\_

12. What can be used as soap molds? Discuss what should not be used and why.

\_\_\_\_\_  
\_\_\_\_\_

13. Describe six methods of making soap. Note which ones do not require the use of lye and explain why it is not needed.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

- 14.** Make two soap projects. One using the melt and pour method and the other using the rebatching method.

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- 15.** Do one of the following:

- a. Visit a soap-making establishment, commercial or non-commercial.
- b. Watch a video about how cold process soap is made.
- c. Write a report, tell a story, or use some other creative means to explain how soap is made.

Date completed: \_\_\_\_\_

Date completed \_\_\_\_\_

Instructor's Signature \_\_\_\_\_