

Name: \_\_\_\_\_

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



|   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S | Z | B | M | I | C | E | L | L | E | S | M | P | H |
| D | A | C | Z | O | X | Z | K | Q | T | B | H | O | Y |
| V | H | P | X | I | L | S | G | E | R | M | S | I | D |
| B | Y | L | O | U | C | E | D | A | H | G | R | U | R |
| E | D | F | C | N | V | A | C | Z | J | U | K | Y | O |
| U | R | V | V | Y | I | R | Q | U | O | P | G | T | P |
| K | O | B | B | T | H | F | O | W | L | Q | W | R | H |
| L | P | N | N | R | N | U | I | S | A | E | V | E | O |
| F | H | M | W | A | G | X | L | C | F | G | S | W | B |
| A | I | J | E | S | J | W | S | O | A | P | B | Q | I |
| W | L | Y | E | D | F | H | A | X | H | T | N | A | C |
| B | L | O | R | F | C | B | R | E | K | W | I | S | Y |
| N | I | P | T | G | V | N | K | D | T | H | T | O | P |
| T | C | L | Y | H | B | M | I | V | R | N | G | D | N |

LYE

SAPONIFICATION

MICELLE

GERMS

HYDROPHILLIC

MOLECULES

OILS

SOAP

HYDROPHOBIC

Name: \_\_\_\_\_

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

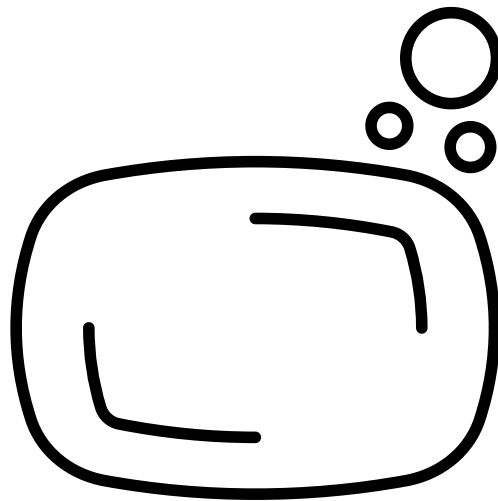
SOAP

Colour the secret formula to create soap!

LYE + FATS/OILS

=

SOAP



WONDERFUL funfacts:

When you mix lye and fats or oils together, there is a process called saponification that creates soap!

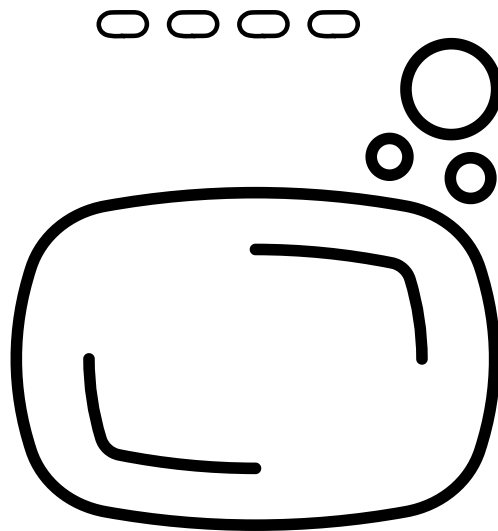
Name: \_\_\_\_\_

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

# SOAP

Challenge! Complete the secret formula!

\_\_E + F\_\_S/O\_\_LS  
=



WONDERFUL funfacts:

When you mix lye and fats or oils together, there is a process called saponification that creates soap!

Name: \_\_\_\_\_

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# SOAP

Draw and colour a bottle of soap  
to kill all the germs!

