LOOK BEYOND LAUNDRY CARE

PRESENTER: BECCA STACKHOUSE, CFLE, UGA CRISP COUNTY EXTENSION – FACS AGENT

COLLABORATORS: DR. PAMELA TURNER, UGA, ASSOCIATE PROFESSOR AND EXTENSION HOUSING SPECIALIST
AMELIA GIBBS, CRISP COUNTY MIDDLE SCHOOL, FACS TEACHER
FASHION DESIGN GEORGIA STANDARDS

• MSFCS7-FD1
  • B & C

• MSFCS6-FD1
  • C & D
OBJECTIVE FOR TEACHERS:

• LEARN “WHAT’S IN THE LAUNDRY ROOM?” CURRICULA
• LEARN ABOUT LAUNDRY SOAP VS LAUNDRY DETERGENT
• LEARN HOW TO MAKE POWDER LAUNDRY SOAP
STEM EDUCATION
WHAT’S IN THE LAUNDRY ROOM?

OBJECTIVE: THE STUDENTS LEAVE THE SESSION WITH THE SCIENCE OF THE LAUNDRY ROOM AND BASIC LAUNDRY ROOM SKILLS. THEY WILL GAIN KNOWLEDGE ON LAUNDRY ROOM SAFETY, MAKING SUSTAINABLE OR GREEN CHOICES, REDUCING COSTS AND CARING FOR THEIR CLOTHING.
BUILD YOUR LAUNDRY KIT:

LAUNDRY SOAP KIT

• BIN FOR STORAGE
• AIR TIGHT CONTAINERS
• CHEESE GRATER
• ¼ & 1 CUP DRY MEASURING CUP
• BAKING SODA
• WASHING SODA
• 2 BARS LAUNDRY BAR & STAIN REMOVER
GAMES & HANDOUTS

• GAMES:
  • LAUNDRY SORTING
  • WHY YOU SHOULD WASH?

• HANDOUTS
  • AMERICAN CLEANING INSTITUTE:
    • ENSURE CHILDREN KEEP THEIR HANDS OFF LIQUID LAUNDRY PACKETS
    • LAUNDRY ROOM CHECKLIST
    • FABRIC CARE
    • GOING BEYOND GREEN
  • STUDENT NOTES OUTLINE / MATH WORKSHEET
LESSON OUTLINE

TODAY WE ARE TALKING ABOUT LAUNDRY ROOM SAFETY, COST AND CARE
BUT WAIT...

• WHY DO YOU CHOOSE THE CLOTHES YOU WEAR?

• HOW DOES FASHION NEWS TRAVEL?

• WHERE ARE PLACES WE SHOP FOR CLOTHES?
LAUNDRY ROOM SAFETY

CHILDREN ARE NATURALLY CURIOUS AND MOVE QUICKLY, EXPLORING THE WORLD WITH THEIR MOUTHS.

ENSURE CHILDREN KEEP THEIR HANDS OFF LIQUID LAUNDRY PACKETS

Preventing accidents at home

- Never let children handle laundry packets
- Always store this product up and out of sight and reach of children
- Always store laundry packets in their original container or pouch
- Always keep product container securely closed

Did you know?

- Liquid laundry packets are harmful if swallowed or get in the eyes
- Laundry packets contain highly concentrated doses as you can easily and consistently use the right amount of detergent
- Approximately 1% of the 2 million calls made to the American Association of Poison Control Centers in 2003 were related to liquid laundry packet exposures

Take action

- Always read the product label for important safety information
- Look for safety seals on laundry packet containers and patches
- See more safety tips at www.keypindy.com
- Call the Poison HelpLine at 1-800-222-1222 if there is an accident

STEERING PRODUCTS
- Our laundry products are kept out of the reach of our children and pets.
- Our products are in their original containers, with their labels intact.
- After use, we store products, they are immediately closed and put away in their appropriate storage location.

USING PRODUCTS
- We make a concerted effort to do laundry without any distractions because we give it our full attention.
- When doing laundry, we follow all recommended product instructions, and pay close attention to all "Caution," "Warning," "Dangers," or "Poison" statements.
- We clean up any spills immediately after they occur.
- We do not combine laundry detergents with other cleaning products.

FOLLOWING PRODUCT USE
- We do not use containers of empty detergent to store any other materials.
- After we finish doing laundry, we always wash our hands as well as all items used to dispense or measure products.
- We always recycle empty laundry containers when possible or dispose of them properly.

For more information on CleanLiving.org, visit www.cleanliving.org Under the "Clean Living" section, select "Laundry" for helpful hints and other tips for laundry.
GOING BEYOND GREEN

TEACHING YOU TO PAY CLOSES ATTENTION TO WHEN YOU ARE WASHING
FABRIC CARE

TALK ABOUT READING THE LABEL

READING THE LAUNDRY SOAP OR LAUNDRY DETERGENT BOX
POWDER LAUNDRY SOAP DEMONSTRATION
SOAP VS DETERGENT

SOAP

SOAPS ARE MADE FROM MATERIALS MADE IN NATURE

• SOAP IS AN ANIONIC SURFACTANT (SURFACTANTS ARE THE CHEMICAL THAT ARE ABLE TO EFFECTIVELY CLEAN A SURFACE) THIS MEANS IT IS HAS A NEGATIVE CHARGE.

DETERGENTS

DETERGENTS ARE SYNTHETIC (ALTHOUGH SOME ARE NATURAL INGREDIENTS)

• DETERGENTS ARE CLEANING PRODUCTS BECAUSE THEY CONTAIN ONE OR MORE SURFACTANTS.
• SURFACTANTS ARE LESS SANATIVE TO THE HARDNESS OF WATER WHICH CAUSE IT NOT TO FORM A FILM.
ALKALIS ARE FOUND IN PERSONAL CLEANSING, LAUNDRY, DISHWASHING AND HOUSEHOLD CLEANING PRODUCTS.
ENERGY ELEMENTS

• CHEMICAL
• THERMAL
• MECHANICAL
DETERGENT

- POWDER
- LIQUID
THE AVERAGE AMERICAN WASHES 300 LOADS OF LAUNDRY IN ONE YEAR. IF THERE ARE 52 WEEKS IN A YEAR AND YOU DIVIDED THE WEEKS INTO 300 LOADS, HOW MANY LOADS DOES THE AVERAGE AMERICAN WAS IN A WEEK? 5.77

MY FAMILY WASHES _____ PER WEEK X 52 WEEKS = MY FAMILY WASHES ABOUT _______ PER YEAR.
PODS

IF BRAND A COSTS $11.97, BRAND B COSTS $9.94, BRAND C COST $8.99 AND BRAND D COST $9.97. WHAT IS THE AVERAGE COST TO WASH YOUR CLOTHES WITH PODS?

PODS AVERAGE COST: _______

• BRAND A WASHES 42 LOADS, BRAND B WASHES 35 LOADS, BRAND C WASHES 32 LOADS AND BRAND D WASHES 67 LOADS. WHAT IS THE AVERAGE LOADS WASHED AT POD AVERAGE COSTS $10.22?

• POD AVERAGE LOAD: _____

• COST PER LOAD: _____ (COST) DIVIDED BY _____ (LOAD) = _______ (COST PER LOAD)
LIQUID

IF BRAND A COSTS $11.97, BRAND B COSTS $9.94, BRAND C COST $12.49 AND BRAND D COST $5.96. WHAT IS THE AVERAGE COST TO WASH YOUR CLOTHES WITH PODS?

PODS AVERAGE COST: _______

BRAND A WASHES 64 LOADS, BRAND B WASHES 64 LOADS, BRAND C WASHES 53 LOADS AND BRAND D WASHES 54 LOADS. WHAT IS THE AVERAGE LOADS WASHED AT POD AVERAGE COSTS $10.09?

LIQUID AVERAGE LOAD: ____

COST PER LOAD: _____ (COST) DIVIDED _____ (LOAD) = _____ (COST PER LOAD)
IF BRAND A COSTS $12.96, BRAND B COSTS $20.44, BRAND C COST $4.68 AND BRAND D COST $11.12. WHAT IS THE AVERAGE COST TO WASH YOUR CLOTHES WITH PODS?

POWDER AVERAGE COST: ______

BRAND A WASHES 68 LOADS, BRAND B WASHES 150 LOADS, BRAND C WASHES 40 LOADS AND BRAND D WASHES 58 LOADS. WHAT IS THE AVERAGE LOADS WASHED AT POD AVERAGE COSTS $12.30?

POWDER AVERAGE LOAD: _______

COST PER LOAD: ______(COST) DIVIDED _____ (LOAD) = _______ (COST PER LOAD)
HOMEMADE POWDER SOAP

COST PER LOAD: _____ (COST) DIVIDED _____ (LOAD) = ___ (COST PER LOAD)
LAUNDRY ACTIVITIES

Bath towels | Bed sheets | tank tops | Dress shirts and Khakis | jeans | leggings and tights | Typical Suits | Bathing suits
---|---|---|---|---|---|---|---
Underwear and Socks | Pajamas | Brass |

### Why You Should Wash? - Answers

<table>
<thead>
<tr>
<th>Bed sheets</th>
<th>Pajamas</th>
<th>Bath towels</th>
<th>Underwear and socks</th>
</tr>
</thead>
<tbody>
<tr>
<td>should be washed at least every two weeks, more often if you sweat at night</td>
<td>should be washed after 3 or 4 wears, if you shower before bed</td>
<td>should be hung to dry between uses and washed after 3 to 5 uses</td>
<td>should be washed after each wear</td>
</tr>
<tr>
<td>Bras should be washed after 2 or 3 wears</td>
<td>T-shirts should be washed after each wear</td>
<td>Tank tops should be washed after each wear</td>
<td>Dress shirts and khakis can be worn a few times. Unless you sweated or it is stained</td>
</tr>
<tr>
<td>Jeans can be worn about 3 times between washes</td>
<td>Jeggings and tights should be washed after each wear</td>
<td>Typical suits can be worn several times before dry cleaning</td>
<td>Bathing suits should be washed after every wear</td>
</tr>
</tbody>
</table>
LAUNDRY ACTIVITIES

- Darks
- Lights
- Dry Cleaner
- Delicates
STUDENT EVALUATION

Laundry Soap Evaluation

- How much did you learn from the laundry soap dance? A lot, A little, Not much

- Are you satisfied with the program today? Yes or No: __________
  Why or why not? ______________

- What will you do differently based on what you learned today? ______________

Toilet paper:
- _______ Securely store out of the reach of children and pets.
- _______ Do not store la use soap dry, do not need to be sealed
- _______ Avoid leaving any excess soap in the toilet tank after flushing
- _______ Do not use an empty canister or detergent container to store any other materials.

Comments about the Laundry Soap Dance

__________________________________________________________

Age: ___________  Read/Name: ___________

This study is being conducted as part of a research project. Your participation is voluntary. If you have questions, please contact the research assistant. The information you provide will be kept confidential. Your responses will not be linked to your identity in any way. Participation is voluntary and you may withdraw at any time. This study is supported by a grant from the University of Georgia Extension.
EVALUATION

THANK YOU FOR JOINING
“WHAT’S IN YOUR LAUNDRY ROOM?”

Becca Stackhouse, CFLE
UGA Crisp County Extension
Family and Consumer Science Agent
rebecca.stackhouse@uga.edu
229-276-2612 (office)
229-322-1017 (mobile)
110 West 13th Avenue, Suite C, Cordele, Georgia 31015