Considerations of Practices and Surroundings within the Home and Community

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The following series of slides introduces the user to Extension education materials on Homeflow and Community-flow.

- Homeflow simultaneously considers three factors related to the home:
  - minor home-conservation measures
  - maintaining the home at a ready-to-sell level
  - the functionality and efficiency of home operations and family routines

- Benefits from simultaneously altering these three areas of the home can increase:
  - financial and time savings
  - cohesion within the family and community
Community-flow simultaneously considers three overarching theoretical factors related to the community:

- neighborhoods
- public schools
- public services

Benefits from simultaneously altering these three areas of the community can increase:

- financial and time savings of its citizens
- increase cohesion within the neighborhood and community
There is information contained herein that needs to be understood prior to using the materials.

It is anticipated that there may be questions that arise as you read through the explanatory introductory slides.

Please do not hesitate to contact Dr. Randy Cantrell: 352-273-3554 or 443-996-1582 (rcantrell@ufl.edu) should you desire to discuss any of these slides.

Written scripts that accompany these slides are available only in their PowerPoint version and must be requested.
- The slides are divided into two parts: Homeflow and Community-flow, which comprise a total of nine modules

- Eight of the modules have been compiled into a ninth module (master) for your convenience
  - One of the nine modules is a formal study and is too voluminous to include as part of the ninth module (master)

- Each of the eight modules are provided in PDF formats for your review

- If you decide that you would like to use any of these materials, please notify me, and I will send you the PPT format

- This redundant feature is to ensure that we maintain a working relationship as outlined on the next slide
Working Relationship Suggestions for Making Improvements to this Material:

- Adapt these materials to suit your needs
- Provide attribution to the developer(s) of the material
- Conduct evaluations each time the material is used
- Report all evaluation data within 7 days after using the material
- Conduct follow-up evaluations within 6 months after using the material
- Report all follow-up evaluation data within 7 days after receiving all data
Explanation of Part I Modules – “Homeflow”

The modules contained in Part I pertain to citizens and are best positioned to be presented to anyone who resides in a dwelling (ideally with multiple occupants).

Part I (Module 1):
- Minor Home-Conservation Measures That Can Potentially Improve Savings and Health
  - This module is broken into three lists consisting of minor home-conservation considerations that can be implemented immediately, during the short term, and during the long term
  - It should take about 30 minutes to present this module
Explanation of Part I Modules – “Homeflow” (cont’d)

Part I (Module 1-A) *

- Miscellaneous Minor Home-Conservation Items
  - This module consists of no-cost/low-cost items that can be implemented in the home to conserve resources
  
  - It should take about 30 minutes to present this module

* Note: This module is supplemental material for Module 1, and is recommended to be presented with/after the material in Module 1. However, they may both be used in a stand-alone fashion.
Explanation of Part I Modules – “Homeflow” (cont’d)

Part I (Module 1-B) *

- **Homeflow**: A Research Survey about Miscellaneous Minor-Home Conservation Items
  - This module fully explains the results from a research survey, and contains data related to energy-conservation products and description

  - It should take about 60 minutes to present this module

* Note: This module also is supplemental material for Module 1, and is recommended to be presented with/after the material in Module 1. However, they may both be used in a stand-alone fashion.
Explanation of Part I Modules – “Homeflow” (cont’d)

Part I (Module 2):
- Improving Savings and Health by Maintaining Your Home at a Ready-to-Sell Level
  - This module is divided into two lists: 1) considerations for maintaining the home in the immediate-to-short term and 2) short-to-long term
    - It should take about 30 minutes to present this module
Explanation of Part I Modules – “Homeflow” (cont’d)

Part I (Module 3):
- Improving Savings and Health by Modifying Family Operations and Routines
  - This module is divided into two lists: family operations/routines considerations for the 1) immediate-to-short term and 2) short-to-long term
    - It should take about 30 minutes to present this module
The modules contained in Part II pertain to citizens and are best positioned to be presented to anyone who is involved in deciding how communities can best serve their residents.

Part II (Module 1):

- Improving Overall Community Performance by Re-Examining Neighborhoods
  - This module contains a single list of neighborhood related items for communities to consider
    - It should take about 30 minutes to present this module
Part II (Module 2):
- Improving Overall Community Performance by Re-Examining Public Schools
  - This module contains a single list of public-school related items for communities to consider
    - It should take about 30 minutes to present this module
Explanation of Part II Modules – “Community-flow” (cont’d)

Part II (Module 3):
- Improving Overall Community Performance by Re-Examining Public Services
- This module contains a single list for public-service related items for communities to consider
  - It should take about 30 minutes to present this module
Explanation of Homeflow and Community-flow Combined into a Single Master Module

Master Module:

This module is provided so that you can decide whether to use the individual prepared modules or to edit the master version for your custom needs

- It should take about 3 hours to present this module
TABLE OF CONTENTS – Part I (Homeflow)

- Part I (Module 1):
  - Minor Home-Conservation Measures That Can Potentially Improve Savings and Health (30 minutes)

- Part I (Module 1-A):
  - Miscellaneous/Supplemental Minor Home-Conservation Items (30 minutes)

- Part I (Module 1-B):
  - A Research Survey about Miscellaneous Minor-Home Conservation Items (60 minutes)

- Part I (Module 2):
  - Improving Savings and Health by Maintaining Your Home at a Ready-to-Sell Level (30 minutes)

- Part I (Module 3):
  - Improving Savings and Health by Modifying Family Operations and Routines (30 minutes)
TABLE OF CONTENTS - Part II (Community-flow)

- **Part II (Module 1):**
  - Improving Overall Community Performance by Re-Examining Neighborhoods (30 minutes)

- **Part II (Module 2):**
  - Improving Overall Community Performance by Re-Examining Public Schools (30 minutes)

- **Part II (Module 3):**
  - Improving Overall Community Performance by Re-Examining Public Services (30 minutes)
What is “Homeflow”?
HF simultaneously considers three home-related factors:

- minor home-conservation measures
- maintaining the home at a ready-to-sell level
- functionality/efficiency of home operations & family routines

Benefits from simultaneously altering these three areas of the home can increase:

- financial and time savings
- cohesion within the family and community
Figure 1. The Homeflow Framework

- Minor Home Conservation
- Family Operations
- Maintenance

Three Constructs for Altering Homeflow

- Variation Between Homes
- Variation Among Occupant Behavior
- Financial and Time Savings
- Stronger Families and Communities
Homeflow Part I (Module 1):
Minor Home-Conservation Measures That Can Potentially Improve Savings and Health

Disclaimer: All products depicted herein are examples and are not endorsed nor tested by the authors.
Explanation of Part I Modules – “Homeflow”

The modules contained in Part I pertain to citizens and are best positioned to be presented to anyone who resides in a dwelling (ideally with multiple occupants).

Part I (Module 1):  
- Minor Home-Conservation Measures That Can Potentially Improve Savings and Health  
  - This module is broken into three lists consisting of minor home-conservation considerations for the immediate term, short term, and long term  
    - It should take about 30 minutes to present this module

* Note: Some slides contained in this module also are used in Module 1-A and/or 1-B (see continued note below)
List 1:

Minor Home-Conservation

“CONSIDERATIONS”

for the Immediate Term (Unranked)
Item One

- Unplugging electronics when not in use
Item Two

- Turning off fans when people are not using the room
Item Three

- Keeping interior doors open when the rooms are unoccupied
Item Four

- Using detergents on clothes/dishes that have the least impact on pipes, the environment, etc (non-surfactants)
Item Five

- Turning off water during activities such as shaving and brushing teeth
Item Six

- Washing clothes at the coolest tolerable water temperature possible
Item Seven

- Avoiding the pre-rinsing of dishes whenever possible
Item Eight

- Reducing the thermostat setting on the water heater
List 2:
Minor Home-Conservation
“CONSIDERATIONS”
for the Short Term (Unranked)
Item One

- Installing CFL or LED lighting throughout your home
Item Two

- Clearing dryer vent of any debris
Item Three

- Properly installing insulation around your electric water-heater tank
Item Four

- Insulating behind electrical cover plates
  - Capping off ones not being used
Item Five

Having jumper ducts in the ceiling
Item Six

- Maintaining continuous weather stripping around windows and exterior doors
Item Seven

- Maintaining tub and sink drains so they do not leak
Item Eight

- Installing a clean air-conditioning filter
List 3:
Minor Home-Conservation “CONSIDERATIONS” for the Long Term
Item One

- Having properly sized exhaust-vent fans in the kitchen and bathrooms
Item Two

- Installing a programmable thermostat
Item Three

- Installing high-efficiency toilets with flush rates of 1.28 GPF or less
Item Four

- Sealing air ducts at each joint to reduce air leakage
Item Five

- Properly installing insulation in attic
Types of Insulation

- Note R-values vary based on the insulation material/type rather than number of inches
  - Batts, Blankets, or Rolls
  - Loose Fill
  - Rigid Board
  - Foamed-in-Place
Item Six

- Installing an alternative water heater (to that of the standard tank-storage type)
Item Seven

- Having and inspection and displaying the inspection-card history on your home’s heating unit
  - Having a carbon monoxide alarm
Item Eight

- Clearly identifying circuits/breakers on inside of the door to the electrical service panel
Evaluation Instrument

Please respond by entering a number from 0% to 100%.

1. To what degree was this information useful to you?
2. To what degree do you intend to implement these ideas?
3. To what degree was the information presented in a professional manner?
You Are Now Transitioning Into Part I (Module 1-A), Which Is Stand-Alone Supplemental Material

This stand-alone Supplemental option consists of:

- Miscellaneous Minor-Home Conservation Items
  - This module consists of energy-conservation products and descriptions and has 38 content slides
Part I (Module 1-A):

Miscellaneous/Supplemental Minor Home-Conservation Items

Disclaimer: All products depicted herein are examples and are not endorsed nor tested by the author.
Explanation of Part I Modules – “Homeflow”

Part I (Module 1-A)*:

- Miscellaneous/Supplemental Minor Home-Conservation Items
  - This module consists of no-cost/low-cost items that can be implemented in the home to conserve energy
    - It should take about 30 minutes to present this module

* Note: This module is supplemental material for Module 1, and is recommended to be presented with/after the material in Module 1. However, they may both be used in a stand-alone fashion.
Air-Draft and Leakage Items
Acrylic Latex Caulk

- How to choose the right caulk for any surface

Receptacle Covers

- Receptacle covers replace existing outlet plate covers and save energy by preventing drafts
Duct Mastic

- Used for sealing air ducts

Adhesive Foam Tape

- Used for weather stripping for doors, attic hatches, etc.
- Windows require weather stripping designed for frictional areas

Spray Foam

- Choosing the right foam product based on the application

Triple Seal Door Sweep

- Reduces heating and cooling costs by sealing a doorway that may have space at the bottom

Magnetic Filter Slot Cover

- Saves energy by reducing air and heat loss when placed over the duct’s filter slot

Source: http://www.amconservationgroup.com/magnetic-filter-slot-cover.html
Dust Leakage Items
Furnace Filter Whistle

- Begins to sound when filter becomes 50% clogged

Refrigerator Coil Cleaning Brush

- Cleaning the refrigerator coils can improve efficiency

Source: http://www.amconservationgroup.com/refrigerator-coil-cleaning-brush.html
Water Conservation Items
Garden Hose Timer

- Even if you forget to turn the water off, you will not over water your yard

Source: http://www.amconservationgroup.com/hose-timer.html
Moisture Meter

- Prevents overwatering because you can measure to the root of the plant where it is most important

Source: http://www.rainmanweather.com/site/products/6440-Soil-Moisture-Sensor
Dish Rinser

- Pre-rinsing dishes can consume up to 6500 gallons of water a year

Source: http://www.amconservationgroup.com/store/pc/viewCategories.asp?idCategory=537
Flat Faucet Washers

- Repair indoor/outdoor faucets

Hot Water Gauge

- For each 10° you turn down, you can save up to $10.00 per month

Toilet Bladder

- Saves 80-160 ounces of water per flush

Source: http://www.amconservationgroup.com/toilet-tummy.html
Shower Fixture System

- Gives you the ability to lower the flow of water when shampooing or applying soap

Source: http://www.amconservationgroup.com/catalogsearch/result/?q=shower
Faucet Aerator for Bath

- For faucets in bathroom, deep sink, etc where significant volumes of water are not required
Spray Swivel Aerator

- Lever to adjust the flow of water coming out of the faucet

Electricity Conservation Items
Face-Plate Thermostat

- For better-balanced heat and A/C from room to room

Source
Occupancy Sensor

- Turn lights off/on automatically based on a sensing device (motion, heat, etc)

LED (Light Emitting Diode) Night Light

- Has a photocell light sensor that will only come on when the lights are off

9-Watt Compact Fluorescent Bulbs

- You can save electricity by installing these types of lights because they use less energy and last longer.

16-Watt Compact Fluorescent Light

- Saves $65 in energy costs with an estimated energy cost of $1.93 per year
  
27-Watt Compact Florescent Light

- Can save up to 75% in energy costs

8-Watt Light Emitting Diode Bulb

- Lasts 35,000 hours, lasting 32 years if on for 3 hours a day

Source: http://www.amconservationgroup.com/
Electricity Consumption Monitor

- Tracks consumption by kwh so you can gauge electrical expenses by hr, day, wk, mo, or yr
Safety Items
Carbon Monoxide (CO) Alarm

- The alarm makes a noise when levels of CO are dangerously high so residents have time to get outside

Source: http://www.amconservationgroup.com/carbon-monoxide-alarm.html
Radon Test Kit

- The test kit provides the ability to see if you have radon in your home and to take the necessary precautions if it is present.

Source: http://www.epa.gov/radon/pubs/citguide.html
Evaluation Instrument

Please respond by entering a number from 0% to 100%.

1. To what degree was this information useful to you?
2. To what degree do you intend to implement these ideas?
3. To what degree was the information presented in a professional manner?
You Are Now Transitioning Into Module 1-B, Which Is Stand-Alone Supplemental Material

This stand-alone Supplemental option consists of:

- A Research Survey about Miscellaneous Minor-Home Conservation Items

  - This module fully explains the results of a research survey related to energy-conservation products and descriptions

  - It should take about 60 minutes to present this module
Part I (Module 1-B):

A Research Survey about Miscellaneous Minor-Home Conservation Items

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Quick Facts

- Background
Basis for this Presentation

- In 2011, a random, representative sample (n=492) of US homeowners were compared against a random, representative sample (n=198) from Florida (using t-tests).
- Each respondent was asked to comment about various types of minor home-conservation measures that can be implemented in any home.
- Specific questions asked were:
  - Which items have you attempted to implement?
  - Which items would you like to learn more about?
  - How interested are you in implementing this item?
Basis for this Presentation (cont.)

- Note: This study focuses on the items that respondents:
  1) are not using
  2) are not certain whether or not they are using
Item One

Do you have a tankless water heater?

- 86% of respondents either did not or did not know
  - 64% of them would like to learn more about this
  - 67% of them are interested in implementing this change
Savings and Benefits

Source: http://www.energystar.gov/index.cfm?fuseaction=find_a_product.showProductGroup&pgw_code=WH
Advantages and Disadvantages

- Range in price from $200 for a small under-sink unit up to $1000 for a gas-fired unit that delivers 5 gallons per minute.

- Expected life is 20 years compared to 10 to 15 years for tank-type water heaters because less subject to corrosion.

- Provides warm water immediately where it's used, and can provide unlimited hot water (within its operating capacity).

Source: http://www.consumerenergycenter.org/home/appliances/waterheaters.html#tankless
Item Two
Do you have insulation wrapped around your water heater (and any copper pipes)?

- 57% of respondents either did not or did not know
  - 70% of them would like to learn more about this
  - 68% of them are interested in implementing this change
Insulation Hot Water Pipes

- Insulating hot water pipes reduces heat loss and can raise water temperature $2^\circ F$ to $4^\circ F$ for $< 1/ft$

Water Heater Energy Saving Options

- 1. Adjust the Temperature
- 2. Insulate the Tank
- 3. Insulate Pipes
- 4. Flush the Tank
- 5. Install Heat Traps
New Water Heaters

- High Efficiency Gas Storage Water Heaters
- Gas-Condensing Water Heaters
- Heat Pump Water Heaters
- Tankless (on-demand) Water Heaters
- Solar Heating System
Item Three
Do you have insulation behind electrical outlets boxes and cap off those not in use?

- 64% of respondents either did not or did not know
  - 60% of them would like to learn more about this
  - 63% of them are interested in implementing this change
Switch & Outlet Sealers

- Insulating behind electrical cover plates
  - Capping off ones not being used
Item #4
Is your attic space filled with uncompressed insulation?

- 58% of respondents either did not or did not know
  - 58% of them would like to learn more about this
  - 60% of them are interested in implementing this change
Sealing and Insulating

• Can save up to 20% on heating and cooling costs, or 10% on total annual energy bill

Source: http://www.energystar.gov/ia/home_improvement/images/house-leaks-with-text-800.jpg
Upgrading Your Insulation

- Can save you up to $400 per year on an 1,800 square foot home

Home Insulation Choices

- Types of Insulation
- Insulating Side Walls
- Attic and Ceiling Insulation
- Attic/Roof Types
- Adding Insulation to Your Attic
Cooling Your Home

- Weatherization
- Ventilation
- Window Shading
- Inside
- Landscaping
Item Five
Are your air ducts free of duct tape and only wrapped in mastic?

- 54% of respondents either did not or did not know
  - 60% of them would like to learn more about this
  - 60% of them are interested in implementing this change
Duct Mastic (<$20/gal)

- Used for sealing air ducts

Item Six
Is your home heating unit inspected and displaying an inspection-card history?

- 49% of respondents either did not or did not know
  - 56% of them would like to learn more about this
  - 58% of them are interested in implementing this change
Item Six (cont’d)
Is your home heating unit inspected and displaying an inspection-card history?

Source: http://inspectapedia.com/heat/heating.htm
Item Six (cont’d)
Home heating unit inspection card should display a history of the following items:

- Flue properly connected to the unit?
- Adequate ventilation for combustible air?
- Flue at safe distance from combustibles?
- Rust-free burner and/or burner compartment?
- Proper clearance between door and unit?

Source: http://inspectapedia.com/heat/heating.htm
Item Six (cont’d)
Home heating unit inspection card should display a history of the following items

- Vibration-free unit-blower fan and/or motor assembly?
- Shut-off switch located at filter door opening?
- Gas cutoff valve and/or proper gas valve?
- Clean return air filters?
- Gas turned on and/or visible pilot-light flame?
- Unit properly grounded to outlet?

Source: http://inspectapedia.com/heat/heating.htm
Note on Item #6
Is your home heating unit inspected and displaying an inspection-card history?

- FL respondents (vs US) were less interested in this item
- 46% of respondents either did not or did not know
  - 49% of them would like to learn more about this
  - 49% of them are interested in implementing this change

Potential Opportunity?
Item Seven
Do you use power strips to turn off electronics when not in use?

- 45% of respondents either did not or did not know
  - 58% of them would like to learn more about this
  - 57% of them are interested in implementing this change
Power Strip

- Unplugged electronics and appliances may be costing you as much as 15% of your total energy bill

Source: http://www.amazon.com/Smart-Strip-Protector-Autoswitching-Technology/dp/B0006PUDQK/ref=cm_cr_pr_product_top

Source: http://inspectapedia.com/heat/heating.htm
Item Eight
Do you reduce the thermostat setting on your water heater to no more than 120 degrees in order to conserve energy?

- 39% of respondents either did not or did not know
  - 63% of them would like to learn more about this
  - 64% of them are interested in implementing this change
Hot Water Gauge

- For each 10° you turn down, you can save up to $10.00 per month

Item Nine
Do you maintain continuous weather stripping around windows and exterior doors?

- 36% of respondents either did not or did not know
  - 72% of them would like to learn more about this
  - 66% of them are interested in implementing this change
Weather Stripping ($4)

- Easy to install
- Adhesive backing
- For doors and windows
- Pre-scored for a sizes of gaps
- No special tools required

Source: http://www.amconservationgroup.com/store/p0/viewCategories.asp?idCategory=201
Corner Pads

- Apply to corner of jamb of exterior door on hinge side to seal against air and light infiltration

Item Ten
Do you have low-flow toilets and/or water fixtures in your home?

- 41% of respondents either did not or did not know
  - 59% of them would like to learn more about this
  - 59% of them are interested in implementing this change
Item Three

- Installing high-efficiency toilets with flush rates of 1.28 GPF or less
Item Eleven
Do you wash clothes and dishes with detergents that decrease the impact on the environment?

- 42% of respondents either did not or did not know
  - 57% of them would like to learn more about this
  - 55% of them are interested in implementing this change
Surfactants (Surface Active Agents)

Source http://www.explainthatstuff.com/waterpollution.html
Doing Laundry With Cold Water

- The cost of running hot water for laundry can add up quickly and have a large impact on utilities.
Item Twelve
Do you make a habit of unplugging electronics when not in use?

- 39% of respondents either did not or did not know
  - 55% of them would like to learn more about this
  - 56% of them are interested in implementing this change
Balanced Air Pressure

- House is designed to be tightly wrapped with a breathable membrane that allows air in but not water (i.e., house wrap)

- “Tightness” of modern homes can sometimes trap undesirable gases from naturally exiting the house like they did in the past
Indoor Air Quality and Signs of Problems

- Gasses and Particles
- Biological Pollutants
- Asbestos
- Lead
- Household Products
- Noticeable and unusual odors, stale or stuffy air
- Having an allergic reaction after remodeling, using new furniture or moving into a new house
- Very humid inside
- Dirty air conditioning/heating unit
- Discovering mold or mildew
- Feeling a lot healthier when outside
Item Thirteen
Does your home’s lighting use at least 50% CFLs (compact fluorescent light bulbs)?

- 30% of respondents either did not or did not know
  - 65% of them would like to learn more about this
  - 65% of them are interested in implementing this change
Three-Way Compact Fluorescent Bulb

- Energy savings up to $127.44 over the life of the bulb

Source
http://www.amconservationgroup.com/store/pc/viewCategories.asp?idCategory=68
Compact Fluorescent Torpedo Lamps

Fluorescent Flood Lights

Source http://www.amconservationgroup.com/store/p72
Lighting Considerations

- Turn lights off when not in use
- Use the natural light from windows during the day
- Focus the light where it is most needed
- To prevent dirt buildup, dust light bulbs regularly
- Install a motion or daylight sensor if you keep outside lights on all night
Item Fourteen
Do you have a programmable thermostat?

- 28% of respondents either did not or did not know
  - 69% of them would like to learn more about this
  - 68% of them are interested in implementing this change
Programmable Thermostat ($40 ea.)

- Each degree increase can save approximately 4% on cooling costs

Face-Plate Thermostat ($9 ea)

- For better-balanced heat and A/C from room to room

Source
Item Fifteen
Do you keep interior doors open when the rooms are unoccupied?

- 30% of respondents either did not or did not know
  - 45% of them would like to learn more about this
  - 54% of them are interested in implementing this change
Alternative Solution: Between Room Ventilator ($25 ea)

- Passageway to reconnect isolated rooms to the air duct
- Blocks transmission of sound and light between rooms

Source: http://www.condar.com/brv.html
Note on Item Fifteen
Do you keep interior doors open when the rooms are unoccupied?

- FL respondents were significantly less interested in this item
- 28% of FL respondents either did not or did not know
  - 31% of them would like to learn more about this
  - 39% of them

  ○ Potential Opportunity?
Item Sixteen
Do you avoid pre-rinsing dishes whenever possible?

- 36% of respondents either did not or did not know
  - 40% of them would like to learn more about this
  - 41% of them are interested in implementing this change
Dish Rinser ($7 ea)

- Alternative product to minimize pre-rinsing, which can waste up to 6500 gallons of water a year

Source: http://www.amconservationgroup.com/store/pc/viewCategories.asp?idCategory=537
Item Seventeen
Do you have properly sized exhaust fans in the kitchen and bathrooms?

- 23% of respondents either did not or did not know
  - 62% of them would like to learn more about this
  - 59% of them are interested in implementing this change
Item Eighteen
Do you have an electrical panel with the wiring diagram displayed on the panel-cover door?

- 24% of respondents either did not or did not know
  - 51% of them would like to learn more about this
  - 57% of them are interested in implementing this change
Item Nineteen
Is your dryer-vent exhaust duct clear of debris?

- 15% of respondents either did not or did not know
  - 76% of them would like to learn more about this
  - 67% of them are interested in implementing this change
Evaluation Instrument

Please respond by entering a number from 0% to 100%.

1. To what degree was this information useful to you?
2. To what degree do you intend to implement these ideas?
3. To what degree was the information presented in a professional manner?
Home-flow Part I (Module 2):
Improving Savings and Health by Maintaining Your Home at a Ready-to-Sell Level
Explanation of Part I Modules – “Homeflow”

Part I (Module 2):

- Improving Savings and Health by Maintaining Your Home at a Ready-to-Sell Level
  - This module is divided into two lists: 1) considerations for maintaining the home in the immediate-to-short term and 2) short-to-long term
    - It should take about 30 minutes to present this module
List 1:
Maintenance
“CONSIDERATIONS”
for the Immediate-to-Short Term
Item One

- Entranceway
Item Two

- Welcome mat
Item Three

- Mailbox
Item Four

- Parked cars
Item Five

- Landscape
Item Six

- Fencing
Item Seven

- Screen/storm door
Item Eight

- Doorbell
Item Nine

- Doorstops
List 2:

Maintenance “CONSIDERATIONS” for the Short-to-Long Term
Item One

- Decking
Item Two

- Guardrails
Item Three

- Shingles
Item Four

- Garage door
Item Five

- Ceiling-fan blades
Item Six

- Tree branches
Item Seven

- Porch/patio
Item Eight

- Exterior lights
Evaluation Instrument

Please respond by entering a number from 0% to 100%.

1. To what degree was this information useful to you?

2. To what degree do you intend to implement these ideas?

3. To what degree was the information presented in a professional manner?
Home-flow Part I (Module 3):
Improving Savings and Health by Modifying Family Operations and Routines
Part I (Module 3):

- Improving Savings and Health by Modifying Family Operations and Routines
  - This module is divided into two lists: 1) family operations/routines considerations for the 1) immediate-to-short term and 2) short-to-long term
  - It should take about 30 minutes to present this module
List 1:

Family-Operations/Routines “CONSIDERATIONS” for the Immediate-to-Short Term
Item One

- Scheduling

**THIS WEEKEND:**

- Volunteers: *See me if you have any questions*
- Hoe beds that have already been DS
- Finish deer-fencing
- Plant leeks (use iron dibble) - see map
- DS cucumbers in row 24 - see map
- DS summer squash/zucchini in rows 20 + 21 - see map
- Plant Jerusalem artichokes (4” deep - see map)
- Rake parking area (fill in holes, flatten bumps - make it smooth)
- Stake out parking area (with stakes and string)
- Sanitize stakes with bleach
- Plant sweet potato slips

Thank you all for your help and have a beautiful day!
Item Two

- Organizing
Item Three

- Work Areas
Item Four

- Tools
Item Five

- How-to-Guides
Item Six

- Mulit-purposing Furniture
Item Seven

- Office Space
Item Eight

- Payment Log
Item Nine

- Internet
List 2:
Family-Operations/Routines “CONSIDERATIONS” for the Short-to-Long Term
Item One

- Dinner Preparation
Item Two

- Home Gardening
Item Three

- Meal Distractions
Item Four

- Portion Control
Item Five

- Digestion
Item Six

 Current Events
Item Seven

- Sleep (Noise Disturbances)
Item Eight

- Sleep (Light Disturbances)
Item Nine

- Awakening
Item Ten

- Health
Evaluation Instrument

Please respond by entering a number from 0% to 100%.

1. To what degree was this information useful to you?
2. To what degree do you intend to implement these ideas?
3. To what degree was the information presented in a professional manner?
What is “Community-flow”?
CF simultaneously considers three community-related factors:

- neighborhoods
- public schools
- public services

Benefits from simultaneously altering these three areas of the community can increase:

- financial and time savings of its citizens
- increase cohesion within the neighborhood and community
Figure 1. The Community-Flow Framework

Three Constructs for Altering Community-Flow

- Variation Between Officials’ Practices
- Variation Between Citizens’ Behaviors
- Financial and Time Savings
- Stronger Neighborhoods and Communities

Neighborhoods

The Degree of Community-Flow

Schools

Public Service
Community-flow Part II (Module 1):
Improving Overall Community Performance by Re-Examining Neighborhoods
Explanation of Part II Modules – “Community-flow”

The modules contained in Part II pertain to citizens and are best positioned to be presented to anyone who is involved in deciding how communities will best serve their residents.

Part II (Module 1):
- Improving Overall Community Performance by Re-Examining Neighborhoods
  - This module contains a single list of neighborhood items for communities to consider
    - It should take about 30 minutes to present this module
Neighborhood Items for Communities to “CONSIDER”
Item One

- Noise Ordinances (In General)
Item Two

- Noise Ordinances (Vehicles)
Item Three

- Ordinances (Parking)
Item Four

- Ordinances (animal waste)
Item Five

- Ordinances (animal leash)
Item Six

- Security (cameras)
Item Seven

- Security (neighborhood crime watches)
Item Eight

- Security (gated entrances)
Item Nine

- Security (HOAs)
Item Ten

- Home Construction Types
Item Eleven

- HOA Covenants
Item Twelve

- HOA Websites
Item Thirteen

- Home Rentals
Item Fourteen

- Traffic Safety
Item Fifteen

- Traffic Enforcement
Item Sixteen

- Speed Limit Awareness
Item Seventeen

- Walkability
Item Eighteen

- Safety (Street Lighting)
Item Nineteen

- Public Pathways
Item Twenty

- Public Recreation
Evaluation Instrument

Please respond by entering a number from 0% to 100%.

1. To what degree was this information useful to you?
2. To what degree do you intend to implement these ideas?
3. To what degree was the information presented in a professional manner?
Community Flow Part II (Module 2):
Improving Overall Community Performance by Re-Examining Public Schools
Explanation of Part II Modules – “Community-flow”

Module 2 (Part II):
- Improving Overall Community Performance by Re-Examining Public Schools
  - This module contains a single list of public-school related items for communities to consider
    - It should take about 30 minutes to present this module
List 1:
Public-School Items for Communities to “CONSIDER”
Item One

- Maintenance
Item Two

- Security (personnel)
Item Three

- Security (cameras)
Item Four

- Student Motivation
Item Five

- Uniforms
Item Six

- Conduct
Item Seven

- Citizen Involvement
Item Eight

- Parental Involvement
Item Nine

- Volunteer Tutors
Item Ten

- Industry Involvement
Item Eleven

- Science-Fair Citizen Involvement
Item Twelve

- Student-Citizen Programs
Item Thirteen

- Foreign-Exchange Program
Item Fourteen

- Peer Mentoring
Item Fifteen

- Saturday School
Item Sixteen

- After-School Programs
Item Seventeen

- Student Stretching & Quietude
Item Eighteen

- Adult Stretching & Quietude
Item Nineteen

- Lunch
Item Twenty

- Community Service
Item Twenty-one

- Vending Machines
Item Twenty-two

- Public Use of Facilities
Item Twenty-three

- Student Acknowledgement
Item Twenty-four

- Professional Acknowledgement
Evaluation Instrument

Please respond by entering a number from 0% to 100%.

1. To what degree was this information useful to you?
2. To what degree do you intend to implement these ideas?
3. To what degree was the information presented in a professional manner?
Community-flow Part II (Module 3): Improving Overall Community Performance by Re-Examining Public Services
Part II (Module 3):

- Improving Overall Community Performance by Re-Examining Public Services
- This module contains a single list of public-service related items for Communities to consider
  - It should take about 30 minutes to present this module
Public-Service Items for Communities to “CONSIDER”
Item One

- Locally-Sponsored Events
Item Two

- Arts & Performances
Item Three

- Community Website
Item Four

- Community Center
Item Five

- Youth Sports Programs
Item Six

- Youth Acting Programs
Item Seven

- Exercise & Nutrition Programs
Item Eight

- Public Library
Item Nine

- Community Speakers
Item Ten

- Adult Sports Programs
Item Eleven

- Citizen Meetings
Item Twelve

- Historical Center
Item Thirteen

- Citizen Volunteer Programs
Item Fourteen

- Energy Conservation Programs
Item Fifteen

- University-Public Interface
Item Sixteen

- Reclaimed Water
Item Seventeen

- Public-Access Routes
Item Eighteen

- Recycling
Item Nineteen

- Public Gardening
Item Twenty

- Online Payments
Item Twenty-one

- Broadband
Evaluation Instrument

Please respond by entering a number from 0% to 100%.

1. To what degree was this information useful to you?
2. To what degree do you intend to implement these ideas?
3. To what degree was the information presented in a professional manner?