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| **Educational Program Sheet** | | | | | |
| **Class Title: Build-Your-Own Rain Barrel Workshop** | | **Date(s): Spring 2014** | | **Time: 1-3 hrs** | |
| **Instructor: Water Resources Program Associate** | | **Affiliation:** Rutgers Cooperative Extension Water Resources Program | | | |
| **Instructional Goal** : participants learn about stormwater management techniques, the importance of conserving water, and how to build and install a rain barrel | | **Specific topic:** *Circle One:*  **Horticulture Wildlife Ecology Sustainability Agro-Ecology** | | | |
| **Price:**  **Duke Farms Staff and Duke Stewards Invited to attend at no Charge** | **Materials Fee (*If Any*)**  **Per Person:** $55 | **Max. Attendance:**  25 | **Min. Attendance:**  15 | | **Age Limit:**  16 |
| **Outcome** (changes in lives of individuals, families, organizations or community as a result of this program):  A rain barrel allows you to capture and reuse water on your own property and reduce the amount of water that goes onto the road.  Rainwater has no added chemicals, great for your indoor plants, garden, lawn, washing cars and birdbaths.  Installing rain barrels will increase your savings and reduce your water bill. | | | | | |
| **Relates to DF Mission:** (How?) *Duke Farms Serves as a model of environmental stewardship in the 21st century and inspires visitors to become informed stewards of the land.*  Encourages visitors to be environmentally aware of water issues. | | **Relates to Program Mission**: *Teach visitors of all backgrounds to be leaders in environmental stewardship through innovative educational programming and volunteerism, encouraging them to inspire others.*  With a talk on water conservation and stormwater management followed with a step-by-step instruction on how to build a rain garden, visitors are encouraged to teach others in their community. | | | |
| **Lesson Content** (What’s being taught) (Use separate sheet if necessary)  Water Conservation and Stormwater Management practices, specifically the benefits of Rain Barrels  Step-by-step instruction on building your own rain barrel | | | | | |
| **DESCRIPTION FOR WEB:**  Take an active role in recycling rainwater - install a rain barrel at your house!  A rain barrel is placed under a gutter's downspout next to a house to collect rain water from the roof.  The rain barrel holds about 50 gallons of water which can be used to water gardens and for other uses.  Harvesting rain water has many benefits including saving water, saving money on your bill, and preventing basement flooding.  By collecting rain water, homeowners are also helping to reduce flooding and pollution in local waterways.  When rain water runs off of hard surfaces like rooftops, driveways, roadways, parking lots, and compacted lawns, it carries with it pollution to our local waterways.  Harvesting the rain water in a rain barrel is just one of the ways homeowners can reduce rain water from running off their property and possibly causing pollution and flooding problems in local waterways.  **Photos for web:** <http://water.rutgers.edu/Stormwater_Management/rainbarrels.html> | | | | | |
| **Instructional Procedures:**   1. Teaching procedures (methods you will use): behavioral/social learning 2. Student participation (how will you get the students to participate): Students will build their own rain barrel and take it home 3. Closure (how you will end the class): instruction on how to install a barrel at their homes | | | | | |
| **Indicators** (specific measureable information collected to track whether an outcome has actually occurred):  Pre and Post Survey distributed to participants  Program Evaluation also distributed to participants at the end of the activity.  **Evaluation Method**: *Survey Monkey assessing Impact will be sent out after each program.* | | | | | |
| **Materials/teaching aids/ etc.** (what do you need to teach the class?)  Rain Barrel and conversion kit per person  Projector and screen for lecture | | | | | |

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| **Educational Program Instructional Needs Form** | | | | |
| **Instructor Contact Information** | **Cell Phone Day of Event** | | **Email address** | **Affiliation** |
| **Primary Instructor Name: TBD** | **TBD** | | **TBD** | **Water Resources Program** |
| **Logistics:** *Please fill out the information below.* | | | | |
| **AV Needs (Check 1):** 🗖A/V (laptop, Screen, Projector, Remote, Microphone) 🗖TV/DVD  🗖Other, Please describe \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **🗖NONE** | | | | |
| **Seating Style (Check 1):** 🗖 Standard (Seats 45 with tables)🗖Hollow Square 🗖U-Shape 🗖Theater  🗖 Other, Please Describe \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **🗖NONE** | | | | |
| **Safety & Security Please check all that apply:** | | | | |
| 🗖Access to Core Before/After Hours 🗖Access to Coach Barn 🗖 Access to Farm Barn before/after regular hours 🗖Lights on/off before/after hours **🗖NONE** | | | | |
| **Catering: Please check one** 🗖Yes 🗖 No🗖 Bringing Meal | | | | |
| **Preparation Access to Facilities (Scouting) Before or After Regular Hours:** Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time: \_\_\_\_\_\_\_\_\_\_ | | | | |
| **Other needs, please describe:** | | **Spontaneous Education Opportunity:**  ***(Please describe any associated activity that will be available to the public after this program) Be sure to include the educator and timing.*** | | |
| **For Programs Office Use Only:**  **DF Staff Contact: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Assigned Location: ­­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Please Date and Initial When Complete: Date Initial**  **Entered into VISTA \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Entered into MuseumTix \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Entered into Website \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Promoted on: \_\_\_\_\_ Facebook \_\_\_\_\_\_\_ Twitter \_\_\_\_\_\_\_\_ Other – Describe \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | | |
| **Motor Pool Vehicle Reservation Please check all that apply:** | | | | |
| **🗖NONE**  🗖GEMS 🗖Golf Cart 🗖Prius 🗖11 Passenger Van 🗖Tram 🗖Other, Please describe \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | |