**Fun ~ Hands On ~ Live Cattle ~ Future Focused**

**Bug Beef Lab**
Put beef production under the microscope – literally! Culture manure to identify microscopic parasites and pests.

**Dig Deep Into Dirt**
Get a worm’s eye view of one of the most important parts of the ranch – the soil! Learn how it affects everything from the grass our cows eat to green house gasses and global warming.

**Scientific Stomach**
Take a peek and reach inside a live cow’s stomach! Sort through ‘what goes in’ and learn how it becomes ‘what comes out’.

**Beef Breed Learning Lab**
How many breeds can one cow be?! Take your best guess and learn why each breed is selected & construct halters for your own livestock.

**Agriculture Academia**
University of Florida CALS Ambassadors and representatives from Abraham Baldwin Agricultural College will lead you through an exploration of agricultural education and career opportunities.

**Total Ranch Tour**
The Range Cattle Station is a University of Florida Research & Education Center with over 1,100 head of cattle and nearly 3,000 acres of native range and improved pasture. Load up on the wagons and tour our outdoor and indoor science laboratories!

**The Range Cattle Research & Education Center and IFAS Cooperative Extension Service are pleased to offer an educational program for school age youth that highlights the biology of beef cattle, cowboy chemistry, and everyday earth science.**

**AGENDA**

- **8:15-9:15** Registration & Trade Show
- **9:15-9:30** Welcome & Introductions
- **9:30-12:30** Activity Rotations
- **12:30-1:30** Lunch
- **1:30-2:30** Total Ranch Tour

**Register to Attend**
Cost is $5 per person: lunch and materials included. Processing fees apply.

Register online at: [http://yfd063011.eventbrite.com](http://yfd063011.eventbrite.com)

Those without internet access can reserve a space by calling Reyna at 863-735-1314.

*Space is limited. Please register by June 16.*

**Contact us for more information**
(863) 735-1314 ** [http://rcrec-ona.ifas.ufl.edu](http://rcrec-ona.ifas.ufl.edu) ** speckmann@ufl.edu