**Teacher Academy Workshop Facilitated by Professor Debbie Hanson, Associate Director, Hanover College Rivers Institute and Education Department Chair**

March 1, 2014

Participants: Wendy McIntosh-Johnson Elementary School (Scott County 2)

 Debbie Bennett, E.O. Muncie (Madison)

 Pam Zehren, Lydia Middleton (Madison)

 Kim Temple, Jeff-Craig Elementary (Switzerland Co)

 Tara Justice, Jeff Craig Elementary (Switzerland Co)

 Lesa McGarvey, Jeff-Craig Elementary (Switzerland Co)

 Jodi Pflaumer, Southwestern (Southwestern Jeff Co)

 Debra Wass, Pleasant Ridge, (Greater Clark Co)

 Donna Tabor-Taylor, Canaan Charter School

Agenda: Focusing on STEM

Update: How is your science teaching going? Using journals?

Activity: Fossil fragment. Create the animal this fossil piece is from? (focus on teaching the nature of science)

Activity: Table making (focus on engineering and how engineering is different-target 3rd grade-strength of shapes -possible activity for ISEP week-after testing) (source: www.tc.pbskids.org)

Activity: Engineering a model of a hand (5th grade engineering standards). Comparison of cookbook vs inquiry based activity

Activity: Designing a sail-wind motion (4th and 6th grade standards)- simple machines in cars and energy/motion concepts (K’Nex materials and modification of lesson plan)

**Community Partnerships Resulting from Teacher Academy** **in Cooperation with the Hanover College Rivers Institute**

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| Event | Group | Teacher | Time |
| 5th grade Science Blitz | Edu 303/304 field | Debbie BennettE.O. Muncie | Winter 2014 |
| Family Science Night | Edu 303/304 field | Pam ZehrenLydia Middleton | Winter 2013 and 2014 |
| Family Science Night  | Edu 303/304 | Wendy McIntoshJohnson Elementary | Winter 2013 and 2014 |
| Health lessons to 4th and 5th grade | Edu 221 field | Wendy McIntoshJohnson Elementary | Fall 2013 |
| New Student Teaching Placement Sites | EDU 456 | Johnson ElementarySwitzerland Co |  |
| Methods Mentoring | EDU 303/304 | Debbie BennettPam ZehrenWendy McIntosh | Winter 2014Winter 2012-2014Winter 2012-2013 |
| Water Festival | EDU 221 field | Wendy McIntosh and previous participantsJohnson Elementary | Spring 2011 |
| Science Day | Edu 221 field | Debbie Bennett at Dupont (previous school) | Spring 2012 |
| All day visit to school | EDU 221 field | Johnson Elementary  | Spring 2012 |
| Development of Nature Trail and Curriculum | Academic Internship | Johnson Elementary | Summer 2011 |