**Organization Structure and Discussion for OLLI 3D Group to Move Forward**

**3D Printing & Design SIG**

**Overall Goal** is to bring or support 3D Education, Design and Production into Greenville and surrounding County Schools. Sub Goals:

* lead with Enable.org to introduce the 3D concept
* be able to do follow up activities to help make 3D more STEM/STEAM includable
* give ideas to schools so they can spread the technology over the curriculum
* get teachers to start and understand and control a ‘forum’ by teachers and students, right now either Enable based or STEM based, among schools
* Recruit new OLLI 3D Printer Group members to support school requests for help

**Discussion Points**

1. Reid: introduced how we need to move forward with 5 schools who are interested
2. Reid: who’s interested in going into schools?

Tom, what is our role? Pete, not sure. Nick, willing to do anything. Tony, yes, but only as a team of two. Will have to get familiar with roles.

1. Roles: team of two into a school to introduce 3D
2. Bob: some schools want just initial contacts and information
3. Reid: some schools have very well developed programs, others have no vision at all and are overwhelmed. Some want us just to talk with the kids.
4. Schools: Gettys Middle, Greenville; Hughes Academy Science &Tech; Riverside Middle School, Greer; Beck Academy, Greenville; Ralph Chandler Middle School, Spartanburg; Carver Middle
5. Bob: suggested we could develop 3D drone parts; Furman said no; some schools will want to know ‘what will it do for the kids?’ Schools are going have to do the follow up and development
6. Fay: several schools saw more than just 3D printing itself. It has implications for math, arts, anatomy, physiology, other technologies, etc.
7. Tom: we need to scope out what the school wants or thinks they want; help them think through it
8. Reid: some teachers will be overwhelmed (Balfour example)—perhaps we can refer them to other schools if they want
9. Fay: give schools advice on printers; MakerBot Replicator II from Stratus further ahead and more established and most schools seem to be using them; Robo and others may be in schools too
10. Reid: Sent OLLI Gray Matters article to help recruit new 3D members
11. **Roles**: (Which TEAM Members will fill these roles?)
    1. **Team Communications** – (Tony) to be contact for comms on various components of the *overall team goings on*; use Google Calendar and MS Word
    2. **Scheduler** – (Reid, Bob) to coordinate member teams to go into schools
    3. **Publicist** - (Fay) to push the 3D concept; newspaper contacts; website development
    4. **Recruiter/Trainer/Teacher** – (Reid, Tom, Nick) to teach new OLLI volunteers; classes giving general concepts of 3D printing, Enable, etc.; recruit OLLI volunteers for hand assembly
    5. **Key Contact with Enable** – (Reid) (Nick, what is our relationship? How do we get synergy with them?)
12. **Teams Members** for each school. Two persons for contact with school/teacher; and technical support; i.e., how to build a hand, tools needed, materials needed, processes, etc., plus a team support person.
    1. **Carver –** Bernie Zeiler, Bob Choban, Reid Becker, Nick Hollingshad **VISIT DATE:**
    2. **Riverside –** Tom Crocker, Tony Caruso, Reid Becker, Nick Hollingshad **VISIT DATE:**
    3. **GTT Beck Academy** – Bob Choban, Fay Choban, Nick Hollingshad **VISIT DATE:**
    4. **Ralph Chandler Middle -** Reid Becker, Bob Choban, Nick Hollingshad **VISIT DATE:**
    5. **Hughs Academy** –Tom Crocker, Bob Choban, Tony Caruso **VISIT DATE:** Feb 12, 10:15-11:05
    6. **Gettys Middle School** **–** Bob Choban, Reid Becker **VISIT DATE**: Feb 4, 2014(completed)
13. **School Contacts:**
    1. **Carver** – Andy Youngblood
    2. **Riverside** – Ken Morrill
    3. **Beck Academy** – Paula Watts
    4. **Ralph Chandler** – Jackie Kelly
    5. **Hughes Academy** – Chris Taber?
    6. **Gettys Middle School –** Jonathan Scrivner
14. **School Engagement Checklist:**
    1. Reid to suggest outline/speaking points, etc.

17) **TO DO:** WE NEED A TEAM NAME!!!!! PLEASE SUGGEST…