THS Hot Air Balloon Launch Sign-up Sheet

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| **Activity** | **Description** | **Student Name** | **Student Name** | **Student Name** |
| Prayer | Write and say prayer during video conferences & lift off day |  |  |  |
| Computer Techs | Control video conference switch from live video to media, i.e. musical intro, etc. |  |  |  |
| Introduction | Introduce 5th grade teachers(interview)/schools @ 1st video conf./pledge |  |  |  |
| Pledge | Write a pledge to be repeated by 5th graders (include spiritual aspect) |  |  |  |
| Worksheets | Create worksheets “testing” concepts taught by THS students  (see Science curriculum., HAB science, Demo’s & HAB history creators below) |  |  |  |
| Team Banner | Create “Team Banner” template to include team name, member names,  Assigned roles (task manager, supply manager, recorder, spokesperson),  Elementary school mascot picture, hot air balloons, shamrocks |  |  |  |
| THON connection | “Raising” $ goal: collect enough pennies to keep THS balloon from floating |  |  |  |
| Science Curriculum | Day 1) Energy types & energy transfer; Day 2) forces (& Newton’s 3rd law)  write lesson plans on 5th grade level; collaborate w/ demo creators |  |  |  |
| HAB Science | Day 3) physics of hot air balloons, i.e. need unbalanced forces for balloon lift;  write lesson plans on 5th grade level; collaborate w/ demo creators |  |  |  |
| Calendar | Create calendar to be distributed to principals & teachers |  |  |  |
| Materials List | Create a list of materials to include name, description, quantity and prices |  |  |  |
| Instructions | Create written (& video?) instructions on “how to create a hot air balloon” |  |  |  |
| Certificates | Create a certificate of completion of template; Include space for THS teacher & principal signature and elementary school principal and teacher signature |  |  |  |
| Buoyancy Demo | Create a demo to illustrate buoyancy |  |  |  |
| HAB Demo | Create a demo to illustrate how a mini hot air balloon rises |  |  |  |
| Energy Demo | Create a demo to illustrate energy types & energy transfer |  |  |  |
| HAB History | Create a lesson to teach the history of the hot air balloon |  |  |  |
| Check List | Create a checklist of tasks for students to complete after **each** video conf. |  |  |  |
| Teacher Info Sheet | Create a teacher info sheet for teachers to complete and email back. Name(s),  THS grad?, # of classes participating, # of total students, etc. |  |  |  |
| Mini HAB Construction | Create a mini hot air balloon for demo |  |  |  |
| THS HAB Creator | Create a THS hot air balloon! |  |  |  |
|  |  |  |
| Other? |  |  |  |  |
| Donate/lend  materials |  | Glue sticks | Tissue paper | Hair drier |
| Construction paper | blow torch | Generator |
| Sharp sewing scissors | material (light, parachute like) | Other? |