

Important Information Regarding the PATSA Region1 & 6 Regional Conference

READ-READ-READ

High School & Middle School: Saturday, January 20, 2018 *Snow Date: TBD*

REMINDERS

- **READ THE RULES!**
- Be sure to follow the 2017-2018 High School and 2018-2019 Middle School Competitive Events Guide.
- Typed LEAP Resumes (HS) and Responses (MS) must be submitted with every event offered. LEAP interviews will not be conducted.
- Be sure to frequently visit our PATSA Region 1 & 6 webpage for conference updates prior to the conference. <http://patsa.org/conferences/regionals/region-1-6>
- Conference Registration Money and Forms are due to Tim Linkenheimer by Friday, January 5, 2018. The registration form can be found on the PATSA regional conference website. Please make the checks out to Blackhawk School District.
- Be sure to check the National TSA website for Updates and Clarifications to the rules as made by National TSA as of Friday, January 5, 2018. <http://www.tsaweb.org/Updates-and-Clarification>
- Be sure to download the updated PA Event Guidelines at http://patsa.org/conf/events_index.php?pageid=28&level=1
- Information regarding Regional and State Conferences, Competitive Events, and TSA in general can be found in the online PA-TSA handbook, available at <http://www.patsa.org/advisors/handbook.php?pageid=23&level=1>
- **NO** on-site registration will be accepted.
- All students and advisors must be present at the conference in order to register and compete in events.
- Completed Special Needs forms must be submitted by the registration deadline. Forms can be found on the PA-TSA website or can be obtained by contacting a member of the Regional Conference Planning team.
- Students are to use their Identification (individual or team) number for all event entries, unless the event description specifically indicates to use their actual name. (For example but not limited to: Career Prep (MS) STEM Careers (HS))
- Events themes are available online at <http://www.tsaweb.org/Themes-and-problems>
- **IMPORTANT:** The conference registration form can be downloaded at the region 1 & 6 webpage. Information on costs, deadlines and where the form is to be sent can be found there.
- All projects must be registered/dropped off during the predetermined times. If this is not possible, contact the Conference Director ahead of time to see if special arrangements can be made.
- **Test sessions** are not flexible. Contact Regional Coordinator for more information.
- Each chapter is required to bring a minimum of **2** Judges

GENERAL COMPETITIVE EVENT INFORMATION

Please carefully review the information below regarding competitive events for the Region 1 & 6 Conference. PA-TSA will enforce all rules and supply all materials and equipment as specified in the Competitive Event Guides; any **exceptions** or **special instructions** have been noted below:

- **Dress Code-** see the PA-TSA Handbook, section 4 for complete dress code guidelines. A 20 percent deduction will occur for dress code violations. PA-TSA will accept both the new blue shirt and the traditional white shirt as outlined in the dress code guidelines.
- **Updates and Clarifications-** Please visit the National TSA website at <http://tsaweb.org/Updates-and-Clarification> prior to the conference for updates and clarifications on select event rules. We will follow these rule adjustments at the Regional Conference if dated on or before Friday, January 5, 2018.
- **Event Times/ Event Schedule-** A copy of the conference schedule will be posted here: <http://patsa.org/conferences/regionals/region-1-6> a minimum of one week before the before the Regional Conference. Students and advisors should consult this schedule when planning events. Please know that times are not flexible, unless specifically noted. It is imperative that students show up for events on time or risk disqualification. Preliminary schedules will be posted in late November.
 - The final conference schedule will be distributed at registration if there are any changes from the online copy.
 - Please try to select competitive events that do not conflict time-wise. If a time conflict exists, the following guidelines will be enforced:
 - The student and/or advisor must meet with the event coordinator a minimum of one half hour prior to the event.
 - The event coordinator has the right to deny any change.
 - Students arriving late for an event, without any prior permission, will not be allowed to compete.
- **ID Numbers / Student Names-** As students and advisors now know identification numbers prior to arrival of the conference (via I-Services), students should pre-label all parts of their projects with their individual and, if applicable, team numbers. Student names should not appear in a project. If there is a need to describe what was done by each team member (such as in Medical Technology), the project should identify team members as Team Member #1, Team Member #2, etc... A 20% deduction will occur for any violations.
 - **Region 1 Please use Yellow Stickers**
 - **Region 6 Please use Blue Stickers**
- **Early Entry Submissions-** All events that are to be submitted early for evaluation are to be emailed by the **advisor only**. The Chapters region must be clearly indicated in/on each entry. The individual or team number must be present for each event. The email is to be one email/package per event. All entries that require documentation must be one single PDF file.
- **Any copyright infringement/plagiarism will result in a disqualification.** Pay close attention to the songs, images, and words you use in a project.

- Students are responsible for providing and wearing **safety glasses/goggles** for any event that requires them. Read the event rules carefully to determine which events require safety glasses/goggles. If the event is a team event, each member of the team must have his/her own pair of safety glasses/goggles.
- **All entries must be school appropriate in terms of content.**
- **No electricity** will be provided for displays. Any special set-up and/or equipment for the display are the responsibility of the participants. Check event rules for specific regulations regarding electricity usage for each competitive events
- **Visitors/Guests:** All guests and visitors that plan to attend the conference must be pre-registered prior to the conference. This includes any parents. This is required for security purposes.

Level 1 Information

- All chapters must follow the new Middle School Activities Competitive Events Guide of 2018-2019. Also follow the new PA Competition Guides located at: https://drive.google.com/file/d/0B_2jTGTvF0PcRG5VcHFhbTlzNHc/view
- All display event items must be picked up between 2:00pm and 3:00pm, after 3:00 pm all leftover items will be discarded.
- Events followed by an “R” are Regional Required Events. Events followed by a “Q” are qualifying events for the State Conference. Event themes can be found posted on the PATSA Website at www.patsa.org Specific state qualifying information can be found at our regional page located on the “Event Information” tab.

Event Specific Information

- **CAD Foundations-** Students are required to bring a flash drive, the flash drive must be marked with the student number. Autodesk Inventor will be provided on site. If you require other design programs you must provide your computer system and software.
- **Career Prep** - Advisors **MUST** email their students’ entries in PDF format to jroos@ambridge.k12.pa.us by **Friday, January 5, 2018.**
- **Challenging Technology Issues-(R-Q)** Students should have all necessary information that is required in the event guide. See Public Speaking Events information.
- **Children’s Stories-** the storybook will be the only portion of this event evaluated. Advisors **MUST** email their students’ entries in PDF format to lhumme@patsa.org by **Friday, January 5, 2018.**
- **Coding-** Students will be administered a written test. Each student will take the test individually.
- **Digital Photography-(R)** - Advisors **MUST** email their student’s album in a single PDF file to lhumme@patsa.org by **Friday, January 5, 2018.**
- **Dragster-(R-Q)** In order for vehicles to be raced they must meet all regulations specified in the competitive events guide. Drawings will only be evaluated for cars that are raced. If a vehicle is judged as a rules violation it will not be raced. There will be no interview for this event at this conference.
- **Flight - (R)** The notebook portion of this entry will be submitted early for this event. The notebook must be in pdf format. - Advisors **MUST** email their students album in PDF format to

dmoll@patsa.org by 11:59 on **Friday, January 5, 2018**. Students will bring their pre-built glider on the day of the conference to be tested for a flight time. Two flight times per entry. Students that do not submit documentation early will not be permitted to test on site.

- **Inventions & Innovations** Advisors **MUST** email their students portfolio in PDF format to tlinkenheimer@patsa.org by 11:59 on **Friday, January 5, 2018**
- **Leadership Strategies-(R-Q)** The speaking topic will be announced 1 week prior to the conference. The topic will also be emailed to the advisors and posted on the PATSA regional website. Please also see public speaking event portion.
- **Mass Production-(R)** evaluation for the display portion only. All 3 models must fit within the 2' X 2' X 2' cube.
- **Medical Technology** Advisors **MUST** email their students portfolio in PDF format to ismoller@northallegheny.org by 11:59 on **Friday, January 5, 2018**.
- **Off the Grid-(R-Q)** The focus of the work should be all display rules and model quality. All documentation must be hard copy within a clear report cover and submitted the day of the conference.
- **Prepared Speech-(R-Q)** See Public Speaking Events information.
- **Problem Solving-(R-Q)** Students must bring a rigid cutting surface and a tool box, with all required components listed in the event description or they will be disqualified. Cardboard is not an acceptable cutting surface; plywood and self-healing mats are acceptable (Max size 2'x2'). The cutting surface must be separate from the toolbox. Students must have safety glasses in order to participate in this event. Required supplies, separate from tools, should arrive in a separate clear bag.
- **Promotional Marketing-** Advisors **MUST** email their students portfolio in PDF format to lhummell@patsa.org by 11:59 on **Friday, January 5, 2018**.
- **Structural Engineering (R-Q)** (5 teams of 2 per chapter) be sure to review the following websites from the National TSA Themes and Problems, Updates and Clarifications webpages. Bring prebuilt structure as well as all required documentation as stated in the event description and from the national TSA website. Required documentation includes the design, team verification form and the assessment form (found in the event description of the MS competitive events guide). There will be no communication with judges during testing and wearing safety glasses is required.
 - <http://www.tsaweb.org/sites/default/files/2017-2018%20Middle%20School%20Structrual%20Engineering%20Problem%20Statement.pdf> (**Problem Statement**)
 - <http://tsaweb.org/sites/default/files/MS%20Structural%20Engineering%20Verification%20form.pdf> (**Team Verification Form**)
- **System Control Technology-** Students should bring all required materials for the on-site event. Make sure your computer settings are set that your computer does not lock the login. Otherwise the judge will not be able to evaluate your program. If your computer is password protected, it must remain unlocked or the password must be provided at the time of judging or it will not be evaluated.
- **Tech Bowl-** Written test only.
- **Technical Design** Students will be given a problem on site.

- **Video Game Design**-(5 teams of 2-6 members per chapter) **Advisors MUST** email their students' website which includes both the game and documentation to tlinkenheimer@patsa.org by 11:59 on **Friday, January 5, 2018**.
- **Website Design- Advisors MUST** email their teams' website URL and team and region number to lhumell@patsa.org by **Friday, January 5, 2018**.
- **PA Digital Video Challenge**- Create a 30 second video featuring the regional conference. All video footage must be filmed on site. Advisors **MUST** upload their students' videos to YouTube and send the URL and required paperwork in PDF format to matthew.king@gslions.net by **Friday, January 26, 2018**.
- **VEX- Ringmaster**- Two robots compete in the Teamwork Challenge as an alliance in 60 second long teamwork matches, working collaboratively to score points. Teams also compete in the Robot Skills Challenge where one robot takes the field to score as many points as possible. These matches consist of Driving Skills Matches, which will be entirely driver controlled, and Programming Skills Matches, which will be autonomous with limited human interaction.

Level 2 Information

- All chapters should follow the existing High School Activities Competitive Events Guide for 2017-2018. Also follow the new PA Competition Guidelines located at https://drive.google.com/file/d/0B_2jTGTvF0PcQ0I3eTFySXYxaDQ/view
- All display event items must be picked up between 2:00pm and 3:00pm, after 3:00 pm all leftover items will be discarded.
- Events followed by an “R” are Regional Required events. Events followed by a “Q” are qualifying events for the State Conference. Event themes can be found posted on the PATSA website at www.patsa.org.

Event Specific Information

- **Architectural Design- (R-Q)** The focus of the work should be all display rules and model quality. All documentation must be in PDF format, on a flash drive, and submitted the day of the conference.
- **CAD Events-** (2D Architecture & 3D Engineering) Students are required to bring a flash drive; the flash drive must be marked with the student number. Autodesk products will be provided on site. If you require other design programs you must provide your computer system and software. You must have two separate flash drives, if planning to compete in both of the CAD events.
- **Children’s Stories-** the storybook will be the only portion of this event evaluated. Evaluation of storybook will occur on site the day of the conference.
- **Coding-** Students will be administered a written test. Each student will take the test individually.
- **Computer Integrated Manufacturing-(R)** evaluation only for the display and documentation portion of this event.
- **Dragster Design- (R-Q)** In order for vehicles to be raced they must meet all regulations specified in the competitive events guide. Drawings will only be evaluated for cars that are raced. If a vehicle is judged as a rules violation it will not be raced. There will be no interview for this event at this conference.
- **Extemporaneous Speech- (R-Q)** See Public Speaking Event portion.
- **Flight Endurance- (R)** The notebook portion of this entry will be submitted early for this event. The notebook must be in pdf format. - Advisors **MUST** email their students album in PDF format to dmoll@patsa.org by 11:59 on **Friday, January 5, 2018**. Students will bring their pre-built glider on the day of the conference to be tested for a flight time. Two flight times per entry. Students that do not submit documentation early will not be permitted to test on site.
- **Future Technology Teacher-** Advisors **MUST** email their students’ entries in PDF format to lhumell@patsa.org by **Friday, January 5, 2018**.
- **Music Production-** Advisors **MUST** upload their students’ entries to YouTube and send the URL and required paperwork in PDF format to bholmes@ambridge.k12.pa.us by **Friday, January 5, 2018**.
- **On Demand Video** (2 Teams of 6 members) Create a 30 second video featuring the regional conference. All video footage must be filmed on site. Advisors **MUST** upload their

students' videos to YouTube and send the URL and required paperwork in PDF format to matthew.king@gslions.net by **Friday, January 26, 2018**.

- **Photographic Technology-(R-Q)** Students are required to bring entries for this event on a flash drive saved as ONE pdf. File. Be sure to include your individual number on the flash drive.
- **Prepared Presentation-(R-Q)** The speaking topic will be announced 1 week prior to the conference. The topic will be emailed to the advisors and posted on the PATSA regional website. A screen, projector, and computer will be provided with access to Microsoft Office. Internet access will not be provided. Please also see public speaking event portion.
- **Promotional Design-(R)** Advisors **MUST** email their students portfolio in PDF format to lhumme11@patsa.org by 11:59 on **Friday, January 5, 2018**.
- **STEM Careers-** advisors must email the video as a youtube link along with the documentation portfolio in pdf format to Ben Holmes at bholmes@ambridge.k12.pa.us by 11:59 on **Friday, January 5, 2018**.
- **Structural Design & Engineering-(R-Q)** (5 teams of 2 per chapter) be sure to review the following websites from the National TSA Themes and Problems, Updates and Clarifications webpages. Bring prebuilt structure as well as all required documentation as stated in the event description and from the national TSA website. Required documentation includes the design, team verification form and the analysis & assessment form. There will be no communication with judges during testing and safety glasses must be worn during testing.
 - <http://www.tsaweb.org/sites/default/files/HS%20Structural%20Design%20and%20Engineering%20FINAL%20draft%20%28003%29.pdf> (**Problem Statement**)
 - <http://tsaweb.org/sites/default/files/HS%20Structural%20Design%20and%20Engineering%20Assessment%20form.pdf> (**Assessment Form**)
- **System Control Technology-** Students should bring all required materials for the on-site event. Make sure your computer settings are set that your computer does not lock the login. Otherwise the judge will not be able to evaluate your program. *If your computer is password protected, it must remain unlocked or the password must be provided at the time of judging or it will not be evaluated.
- **Technology Bowl (Written)** - Written test only.
- **Technology Problem Solving-(R-Q)** (4 teams of 2 per chapter) Students must bring a rigid cutting surface and a tool box, with all required components listed in the event description or they will be disqualified. Cardboard is not an acceptable cutting surface; plywood and self-healing mats are acceptable (Max size 2'x2'). The cutting surface must be separate from the toolbox. Students must have safety glasses in order to participate in this event. Required supplies, separate from tools, should arrive in a separate clear bag.
- **Video Game Design-** (5 teams 2-6 members per chapter) The notebook portion of this entry will be submitted early for this event. - Advisors **MUST** email their students album in PDF format to tlinkenheimer@patsa.org by 11:59 on **Friday, January 5, 2018**. Evaluation of video games will occur on site the day of the conference.
- **Webmaster- Advisors MUST** email their teams' website URL and team and region number to lhumme11@patsa.org by 11:59 on **Friday, January 5, 2018**.

Deadline for on-line event registration: Friday, January 5, 2018

(I-Services will close on 1-5-18 at 11:59 pm)