Question 1	Response 1	Question 2	Response 2
What kinds of materials will the children receive?	Household materials like paper, pins, cups, straws, paper clips, etc.	How many materials will they have?	10-15 unique items and could be mulitple quantities of each
What is the unit of the measurement?	mm		
What are examples of past winning measurements?	https://wesoscience.org/wp-content/uploads/2025/05/WESO-2025-Event-Score-Summary-Statistics.pdf		
How many different types of material are supplied. e.g. Paper +straws+ cups. vs Just paper	That is the mystery!		
Is the measurement of height, from the height of the tennis ball, or the tallest part of the structure (i.e. should the tennis ball always be placed at the top of the structure, or is there an advantage to placing the tennis ball near the base, and not worry about the top of the structure being sturdy enough to hold the tennis ball)?	Please read the event description for details. The height measurement is from the top of the tennis ball and so, the ball needs to be visible.	What is the average tower height in this event for the typical tower? What is the height of the tower that commonly wins the event?	https://wesoscience.org/wp-content/uploads/2025/05/WESC
If one of the materials is, say, a cup that the tennis ball fits in, but the rim of the cup goes above the ball, then they would have to do something to make the ball extend past the top of the cup?	Tennis ball should be visible.		
Are there pictures of the winning structures from previous years (in addition to the winning heights)?		What are the most successful practice techniques?	Practice working together: building a stable base, test load-bearing early, reinforcing the tower so it can hold the tennis ball securely. Practicing with time limits helps teams learn how to improve designs quickly. Most importantly, students should experiment, learn from failures, and have fun while building.
Can they put tape on the ball	No		
How widely do the potential materials vary from what you listed? Are there going to be wild cards, like a balloon, dental floss, etc?	What is listed are just examples. No wild cards.	Can we tape the ball	NO, the WESO tennis ball cannot be taped to the structure. The tennis ball must be balanced on top of the tower, with no building materials extending above it, and the top of the ball must be visible. .

Question 1	Response 1	Question 2	Response 2
Does a good approach to a 2-person team involve one team member being the "builder" (aligning pieces together), and one team member being the "taper" (tape the pieces that the builder aligns together)? Or do competitive teams generally have a different approach?	A common and effective approach for 2-person teams is to divide roles, such as having one team member focus on building and aligning the structure while the other applies tape to secure the joints. That said, there is no single best strategy—teams should practice different approaches and use the role division that works best for their students		
Are they provided scissors? Can they cut materials?	Yes		
must they use everything?	No		
If a team build a structure and have it measured from you and then continue to build more.. but the final structure doesn't hold the tennis ball. will the first measurement be taken in to account?	Yes and the best recorded measurement will be considered for the final scoring.	measurement will be in height.. so, not a good idea to build horizontally correct?	Building horizontally and then flipping the structure upright is a strategy we have seen. However, it can be risky, as the structure may become unstable or collapse when lifted. Teams should practice both approaches (building vertically and horizontally) and use the strategy that works best for them.