

FPP

# BizNewz

January - May 2024

MANAGEMENT • INVESTMENT • ECONOMICS • ENTREPRENEURSHIP • TECHNOLOGY

USEFUL  
INFORMATION  
IN CHOOSING  
ROBO-ADVISORY

Muscle

Memory!

Bunga Raya,  
BUKAN BUNGA BIASA.

Gold

SECRET  
OF DARTS

SAVING: 999 @ 916

AKU, DIA

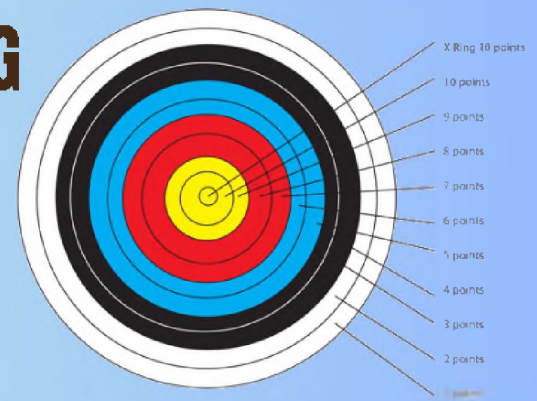
NICU SIRI 8

eISSN 2600-9811



Publication Date  
1 June 2024

# AN INTRODUCTION TO THE SCORING SYSTEM IN ARCHERY COMPETITIONS: UNDERSTANDING ASSESSMENT AND POINTS



In the archery arena, efficiency and accuracy are the main aspects that determine the success of an archer. With competitors using a variety of bows such as recurve and compound, as well as shooting at five-coloured targets, each shot becomes a crucial decision that affects the overall score. This article explains how the archery scoring system works in international competitions and how the scores are obtained based on the position of the arrow on the target. The archery event scoreboard is a tool used to record and show the number of points obtained by the participants in the shooting session (Qohar et al., 2023).

It usually consists of several parts that are important to accurately measure the performance of participants.

**Target Levels:** The scoreboard will have targets consisting of several different levels or sections. Each level is usually given a different point value and indicates a different level of difficulty. This target can be in the form of a circle with the value of points written in it or may be symbolised by different colours.

**Score Indicator:** There is an indicator or score indicator that shows the total number of points that have been obtained by the participants. This score indicator is usually located above or next to the target, and it will be moved up or down to record the number of points gained with each shot.

**Colour Code:** Sometimes, the scoreboard also has a different colour code for each part of the target. These colours help participants to identify each part of the target and the associated point value.

**Additional Information:** Some scoreboards may also display additional information such as participant names, target numbers, or other information related to the event or competition.

The archery event scoreboard is important to keep an accurate record of the participants' performance and to ensure that the results of the archery event can be correctly verified. It also helps participants to know their performance and to adjust if necessary, during training sessions or competitions. In archery events, the colours on the scoreboard are usually used to show the value or total points earned by the participants. Each colour represents a different value and is usually adapted to the level of difficulty or target distance. Archery target faces consist of ten concentric circular rings, where the innermost ring has a value of 10 points and the outermost ring holds a value of 1 point (Phang et al., 2023).

It is important to remember that the point value for each colour and part of the target can vary between different archery events. It can also change based on the rules and ratings of each competition. Therefore, participants need to clearly understand the rules and evaluations related to the scoreboard at each event they participate in.

The following is an explanation of the commonly used colours and the corresponding number of marks:

**White:** The colour white often represents the outermost part of the target. Usually, these white circles give the lowest number of points, or sometimes no points at all. This may occur in certain event formats, where arrows that hit the white are not considered valid or may be given a very low value, such as one or two points.

**Black:** The black part is often inside the white circle and represents a slightly smaller or more difficult target. Usually, the point value for the black side is slightly higher than the white side. For example, the black side may be worth two or three points, depending on the rules of the event and the decision of the organisers.

**Blue:** The colour blue usually represents a deeper target or the centre of the target. The point value for the blue part may be higher than the white or black part. This is because deeper targets usually show higher accuracy, and participants are considered to perform better if they are able to hit this part. The point value for the blue section may range from four to six points.

**Red:** The red part usually represents a deeper target and may be the most important part of the target. Red targets often give the highest point value on the scoreboard. The point value for the red section is usually the highest, and it may award six to ten points, depending on the rules of the event and the judging of the judges.

**Yellow:** The colour yellow may not be widely used in all scoreboards but is sometimes used to mark a specific part of the target that gives a moderate amount of points. The point value for the yellow section may be somewhere between the blue and red sections, perhaps giving around five to seven points.

## References

- Phang, J. T. S., Chiam, D. H., Lim, K. H., & Lease, B. A. (2023). Two-Stage Computer Vision Assisted Automatic Archery Scoreboard Scoring System. IEEE Region 10 Annual International Conference, Proceedings/TENCON, 987–991. <https://doi.org/10.1109/TENCON58879.2023.10322363>
- Qohar, A., Akbar, R., & Hendriawan, A. (2023). Automatic Score in Archery Target Using Simple Image Processing Method. 488–492. <https://doi.org/10.5220/0011816400003575>





BizNewz 2024  
Faculty of Business and Management  
Universiti Teknologi MARA Cawangan Terengganu, Kampus Dungun  
Sura Hujung, 23000 Dungun, Terengganu, MALAYSIA  
Tel: +609-8400400  
Fax: +609-8403777  
Email: [biznewzuitm@gmail.com](mailto:biznewzuitm@gmail.com)