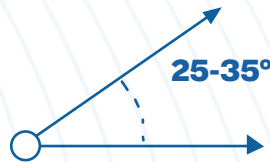# SCORE PREDICTION

What is your prediction for the final score?

Step 1: Predict how many runs the Dodgers and their opponent will score at the end of the game.

Step 2: Compare you predicted score to the actual score at the end of the game and calculate the difference.

	Score Prediction	Actual Score	Difference
DODGERS			
OPPONENT			

Did you know?

25-35°

For a home run, the ideal launch angle is between 25-35 degrees.

PITCH TALLY

During the first and the second innings of the games, fill in the dots for the number of strikes and balls thrown by the Dodgers pitcher. At the end of each inning, calculate the strike percentage.

1st INNING

STRIKES	BALLS	STRIKE %
○○○○○○ ○○○○○○	○○○○○○○○ ○○○○○○○○	Strikes / (Strikes + Balls) x 100
TOTAL=	TOTAL=	% STRIKES=

2nd INNING

STRIKES	BALLS	STRIKE %
○○○○○○ ○○○○○○	○○○○○○○○ ○○○○○○○○	Strikes / (Strikes + Balls) x 100
TOTAL=	TOTAL=	% STRIKES=

HITTING/PITCHING FACTORS

DEPTH PERCEPTION
The ability to perceive the relative distance of objects

FORCE
Strength or energy as an attribute of physical action or movement

VELOCITY
The speed of something in a given direction

ROTATION
The action of rotating around an axis or center

TRAJECTORY
The path followed by a projectile flying or an object moving under the action of given force

Los Angeles Dodgers

sciencesport.org/stemday/

DODGER STADIUM SCAVENGER HUNT

Centerfield plaza

1. What year did Jackie Robinson win Rookie of the year? Find the Jackie Robinson Statue in Centerfield Plaza to find out.
2. How many strikeouts did Sandy Koufax have in his career? Find the Sandy Koufax Statue in Centerfield Plaza to find out.
3. Find the centerfield playground and hang!
4. In the centerfield plaza, what are the languages we say goodbye in? How many languages are up there?
5. Find 3 unique facts about legendary pitcher, Fernando Valenzuela, by the Dodgers AR Station underneath the Left Field Pavilion.
6. A hexagon is a geometric shape that has 6 sides. How many hexagon shapes can you find at the Dodger Stadium?
7. Dodger Stadium opened its doors in 1962. Where can you find the number 62 around the Center Field Plaza?

Loge Level

1. Find the LA Logo on Right Field side of the Loge Level.
2. Find the Oldest Rivalry in baseball sign on Right Loge concourse. When was the 50th anniversary of the rivalry and who is the rivalry with?
3. What players can you find on the murals throughout the Loge Level plazas?
4. How many players can you name in the 2020 World Series Mural at Right Loge Terrace?

Reserve Level

1. Find the Playgrounds on the Reserve level
2. Right Field Reserve Baseball Field Playground
3. Which Cy Young Award oversized baseballs can you find on the Reserve Level?
4. As you take the escalators up to the Reserve Level – how many different plants can you find in the planters?

Pavilion Level

1. How many steps does it take to get to the top of centerfield above the Blue heaven on earth sign and turf?
2. How many rows can you count in the Left or Right Field Pavilion?
3. Find the Gold Glove Awards on display under the Right Field Pavilion. How many awards are on display?

UNIFORM DESIGN

Activity: Design your own baseball team using the Dodgers logos as inspiration.
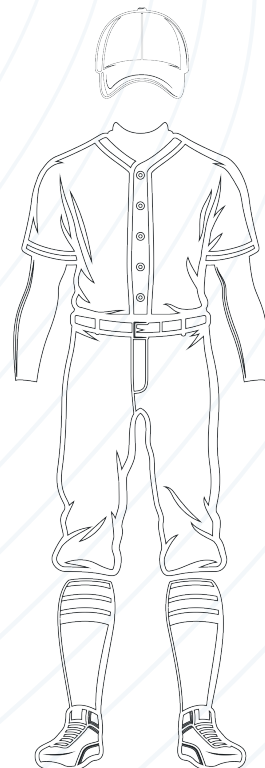
WORD SEARCH

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N G N A T E C H N O L O G Y P
M F E E L R S W L M S W P V E
A J W R Z X C R N E J Z R K R
S U T O C E I S W A A I O G C
S O O D Q N E A Q S T U B T E
S V N Y X G N N S U M F L L N
G E L N T I C G T R A B E A T
K L C A G N E L A E T G M R A
G O G M E E Q E T T H E S E G
E C C I O E Z X I T N X O A E
K I A C M R M G S R K W L S W
D T C S E I I S T G F I V R A
I Y E B T N C E I V D C I H C
P I G X R G Y S C X W A N B Y
M P C E Y O Y H S U G C G S U
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PROBLEM SOLVING	AERODYNAMICS	ENGINEERING
TECHNOLOGY	STATICS	GEOMETRY
MEASURE	NEWTON	ANGLE
SCIENCE	PERCENTAGE	VELOCITY
MATH	MASS	AREA

Los Angeles Dodgers