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A Puzzle Game of the Constellations ©1935

DIRECTIONS

KNOW THE SKY—

THIS IS AN EDUCATIONAL JIG-SAW PUZZLE. EACH PIECE REPRESENTS A CONSTELLATION OF STARS.

FIT THE PIECES TOGETHER AND YOU HAVE A MAP OF THE WHOLE SKY.

THE BRIGHTEST STARS ARE NAMED; 35 OF THEM; MUSICAL NAMES, GIVEN THEM BY THE ARABS, IN STAR-BRIGHT NIGHTS ON SYRIAN DESERTS.

THERE ARE 90 CONSTELLATIONS; OF GREEK NAMES, RECALLING THE CLASSIC MYTHS.

A DOZEN PLEASANT EVENINGS WITH THIS GAME, AND, ANY NIGHT OF THE YEAR, FROM ANY SPOT ON THE EARTH, YOU MAY LOOK UP AND BE AT ONCE AT HOME, UNDER FAMILIAR STARS.

RULES:

① TIME YOURSELF.

THE FIRST PUTTING TOGETHER SHOULD TAKE FROM ONE TO TWO HOURS, DEPENDING ON AGE AND EXPERIENCE.

PUT THE PUZZLE AWAY FOR A DAY OR SO AND SEE HOW MUCH YOU HAVE IMPROVED ON YOUR SECOND TRIAL.

BY THE SIXTH ATTEMPT YOU MAY FINISH IN ABOUT ONE-HALF YOUR FIRST TIME.

② MAKE UP TEST-GAMES, AS FOLLOWS:

① TRY TO WRITE A LIST OF THE SIXTEEN NORTHERN CONSTELLATIONS (IN UPPER CIRCLE).

② COPY THE NAMES OF THE 35 BRIGHT

③ (CON) STARS, AND THEN

TRY TO REMEMBER IN WHICH CONSTELLATION EACH APPEARS.

③ LIST THE CONSTELLATIONS THAT CROSS THE LONG, CURVED LINE (THE ECLIPTIC); THERE ARE 12 OF THEM. LEARN THEM BACKWARDS, FROM WEST TO EAST, FOR THAT IS THE ORDER IN WHICH THE SUN MOVES EASTWARD YEARLY THROUGH THESE "SIGNS OF THE ZODIAC."

④ EACH CLEAR NIGHT, TRY TO FIND ONE MORE CONSTELLATION IN THE SKY; HERE ARE SOME HINTS:

THE STARS OF THE NORTHERN CIRCLE MAY BE ALWAYS FOUND, AS THEY NEVER SET FOR NORTH-TEMPERATE LATITUDES. IN EARLY EVENING THE DIPPER RIDES HIGH IN MAY, BUT IN NOVEMBER LIES LOW ALONG THE N. HORIZON. CASSIOPEIA IS HIGH WHEN THE DIPPER IS LOW.

IN WINTER, CAPELLA IS THE BRIGHT STAR EARLY OVERHEAD; IN SUMMER, VEGA.

SOUTH OF TAMPA, FLA., WATCH THE SOUTHERN HORIZON FOR STARS OF THE SOUTH POLAR CIRCLE.

AS GUIDES TO ZODIACAL AND EQUATORIAL STARS, IN SPRINGTIME, SEEK LEO IN THE S-E, ORION IN THE S-W. IN SUMMER, LEO WILL BE IN THE WEST AND SCORPIO RISING. AUTUMN FINDS SCORPIO SETTING, PEGASUS COMING UP. AND WINTER BRINGS BACK ORION, LED BY THE PLEIADES, FOLLOWED BY THE DOG-STAR.