

STAR GAZERS

SG 1603M – 1 MINUTE (JANUARY 18-24, 2015)

“SUPERMARKET SOLAR SYSTEM!”

JAMES: THIS WEEK, WE’RE GOING TO HELP YOU PUT THE SOLAR SYSTEM IN PERSPECTIVE.

DEAN: AND WE’LL SHOW YOU USING OBJECTS YOU CAN FIND, RIGHT IN YOUR KITCHEN. LET’S SHOW YOU!

(STOP)

JAMES: SO, THE NEXT TIME YOU PICK UP AN ORANGE, PRETEND THAT IT’S THE SUN. THEN, TAKE A GRAIN OF SALT AND THAT WILL REPRESENT THE EARTH, CIRCLING THE ORANGE AT 30 FEET AWAY.

DEAN: NOW, TAKE A BLACK BEAN AND THIS REPRESENTS THE PLANET JUPITER, CIRCLING ONE CITY BLOCK AWAY FROM THE ORANGE. THE PLANET SATURN, WOULD BE ANOTHER BEAN TWO CITY BLOCK AWAY FROM THE ORANGE AND PLUTO, WOULD BE ONE SPECK OF PEPPER, 10 CITY BLOCKS FROM THE ORANGE.

JAMES: OR THINK OF IT LIKE THIS. IF WE COULD FIT OUR ENTIRE SOLAR SYSTEM, OUR SUN AND ALL ITS PLANETS, INCLUDING THE DISTANCES BETWEEN THEM, INSIDE A COFFEE CUP, OUR GALAXY WOULD BE THE SIZE OF NORTH AMERICA!

DEAN: NOW THAT’S A CUP OF JOE THAT’LL REALLY WAKE YOU UP IN THE MORNING AS YOU...

BOTH: KEEP LOOKING UP!