

ENGAGE IN
A SHARED
DIALOGUE
BETWEEN
NAVAJO &
NASA

NAHASDZÁÁN SO' DÓO NILCH'I DÓO JOHONAA'ÉI YI NA KA

THE PLANETS GOING AROUND OUR SUN (THE SOLAR SYSTEM)

The Sun is the center of the solar system of which we are a part.

Nahasdzáán so' dóo nilch'i dóo Johnaa'éi alni'gi sí ágo bináákago ahít naalnish.

The Sun's gravity holds the Earth and other planets in our solar system in orbit. The Earth goes through a yearly cycle of four seasons while the Sun goes through a cycle of two phases over 11 years – a minimum and a maximum.

Nahasdzáán dóo Yádilhił biyij' yee ahótą'igii yee bidziilgii naalnish. Nahasdzáán bikáa'gi éi yá, daan, shį, aak'ee, hai náhoodleet bąąh yiszjįd. Johnaa'éi éi ta'ts'adah nináháháago yéigo nániidoh bita'gii t'éiya doo yéigo nániidoh da. Johnaa'éi naaki yee atąą' at'éego naagháh.

SOLAR FLARES

We can see dark spots on the Sun that are cooler using telescopes. There are more spots in the maximum season and fewer in the minimum.

Johnaa'éi ta'ts'adah nináháháa góne' yéigo nániigah bitahgi éi doo t'áá iiyisii sidoda ndi doo neezgai da. Yéigo sidogo éi t'óó'ahayói díłhiłgo danimazgo bikaá'yistlish naleehigii t'áá iishjáni ayiit'įi. Doo t'áá iiyisii sidogo éi yistlishigii t'áá alch'idi yíleeh.

SUN SPOTS

The Sun is the most massive of everything in the solar system.

So dóo nilch'i éi t'áa' ádaalts'isi bináákah.

CORONAL MASS EJECTIONS

SOLAR RADIATION

The Sun gives off energy as light, of which we can see a small portion but can feel much more.

Johnaa'éi bíbee adinidíin áá'ats'isigo bee iit'ligo ánihi't'iilyaa. Akondi Johnaa'éi bee adinidíin yee bidziilgii bee á t'é níidziin.

The electromagnetic spectrum describes the range of light energies that any heated object gives off, including us and everything on Earth.

AARONYAZZIE
MECHANICAL
ENGINEER

Johnaa'éi atsinilt'ish yee hadit'é éi yéé naalnish dóo bee adinidíin yee bidziilgii kodi t'áá altsó yiniildoh, nihi atah.

The Sun is a massive ball of hot particles, like all stars, and forged from the same material as us.

Johnaa'éi bíbee adziilisidogo t'áá also yee hadit'é, so' yee hadit'e, so' yee hadit'éhigii nihidó bee hadinii'e.

