

Name _____

Notes: Ways we search for E.T.

SETI - Search for Extraterrestrial Intelligence.

Search has focused on Aliens _____ to get in touch with us

We look for _____ coming to us from a _____.

Using _____ or _____ technology known to us (compared against background _____/_____)

Growing over the years, becoming more _____ technology (telescopes)

New search: look for aliens _____ trying to get ahold of us.

BASE ON 2 IDEAS:

That aliens will _____ vast amounts of _____

That they obey the _____ of _____

Once they have _____ energy from their _____ they will go out into _____ and start using _____ planets/moons to build _____ civilization (we look for this)

Dyson sphere- _____ build around a _____ to capture partial, most or all of the energy from the star.

I _____ light wouldn't match v _____ light from star

Structure that _____ as it rotates around star.

Large solar array: _____ sunlight-makes a unique _____ in sunlight

Listening to their conversation -

Modulated laser beams - sharp _____ in frequency, not _____ occurring, and could outshine a star natural frequency by _____x

Look at galaxies full of Dyson spheres - galaxies that are full of " _____ " light

Nothing has turned up in the search so far: (Possibilities)

1- we are _____

2- life on other planets _____ the technology

3- don't use _____ of their sun's _____

4- can't _____ because they use _____ we are not _____ of yet

