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Seasonal Star Map Assignment

## Part A: Construction of Seasonal Star Map

1. Obtain all materials necessary to construct your seasonal star map.
2. You will be evaluated on your ability to neatly and efficiently construct your seasonal star map.

Part B: Using Your Seasonal Star Map

1. Sketch the following constellations.


Ursa Major
(The Big Dipper)
$\square$
Canis Major


Orion


Cassiopeia


Cancer


Aries

Part C: Using your Seasonal Star Map or Skyview App complete the following chart.

| Constellation | Translation | Brightest Star | Month Best Seen |
| :--- | :--- | :--- | :--- |
| Cancer |  |  |  |
| Leo |  |  |  |
| Gemini |  |  |  |
| Orion |  |  |  |
| Ursa Major |  |  |  |
| Scorpius |  |  |  |
| Ursa Minor |  |  |  |
| Virgo |  |  |  |

Part D: Using your Seasonal Star Map answer the following questions.

1. List the names of four constellations you can see during winter.
2. List the names of four constellations you can see during spring.
3. List the names of four constellations you can see during summer.
4. List the names of four constellations you can see during fall
5. Name the constellations that are circumpolar (can be see year round) in the Northern Hemisphere.
6. Name the constellation on the southern horizon on June $30^{\text {th }}$ at midnight.
