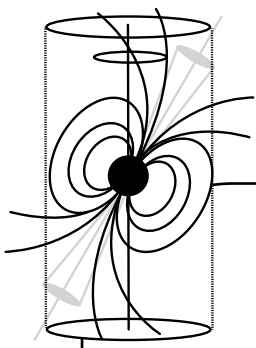


Jocelyn Bell Burnell

1943 – Present





Something to think about...

Questions Section

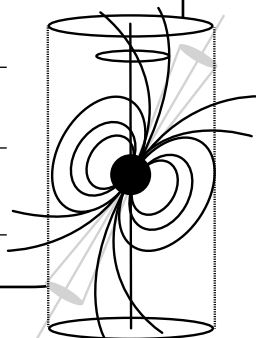
A telescope is an instrument designed to make distant objects appear nearer or bigger. Below are some scenarios of different environments. Imagine you at them looking through a telescope. What details would you be able to see that you could not normally see?

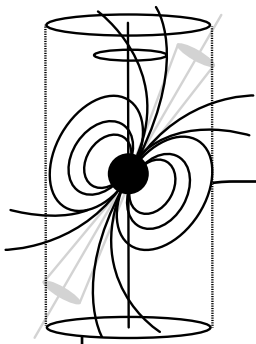
From 5 basketball courts away: Two people having a picnic in a park with their pet dog:

- _____
- _____
- _____
- _____
- _____
- _____
- _____

From 3 basketball courts away: A group of people all dressed up in different fancy dress outfits

- _____
- _____
- _____
- _____
- _____
- _____
- _____





Something to think about...

Questions Section

From just outside: A busy science laboratory full of experiments taking place and equipment

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From standing above it: A vegetable patch full of plants and bugs

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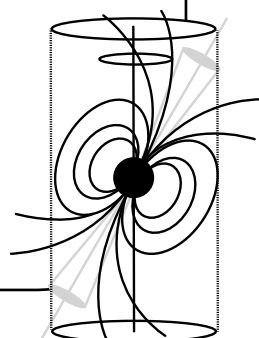
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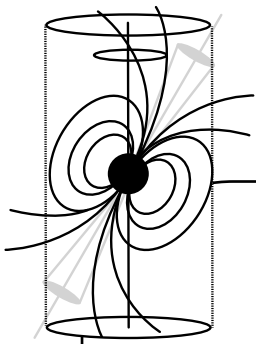
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Something to think about...

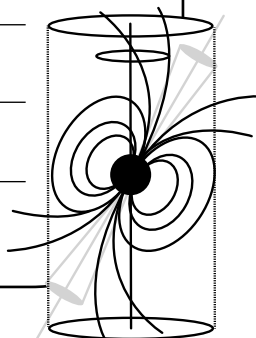
Questions Section

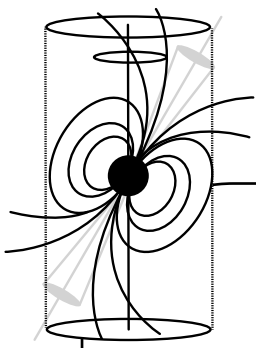
Can you draw the night sky when it is not cloudy? Think about all the things that you might see at night (the moon, stars, maybe the milky way, some planes or bats).

A large rectangular area defined by a dotted line, intended for drawing the night sky.

If you drew the sky a week later, at the same time, would it look the same?

Three horizontal lines for writing an answer.





Tell Jocelyn's Story

Put the story in order

- Jocelyn studied with an astronomer at the University of Cambridge.
- In 2007 Jocelyn was appointed Dame Commander for her services to astronomy.
- Jocelyn and her team created a giant radio telescope to investigate space and discovered something called neutron stars.
- Jocelyn is an astrophysicist and astronomer was born in Belfast, 1943

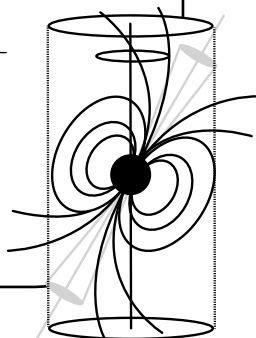


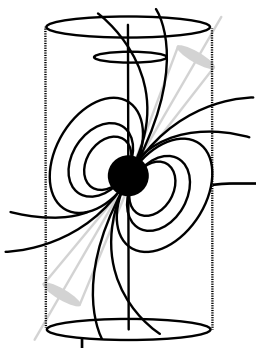
1.

2.

3.

4.





Word Search

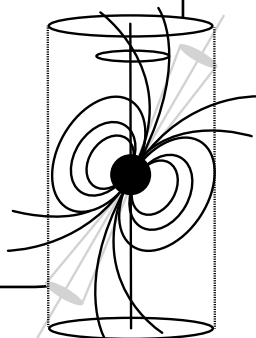
Can you find all 10 words?

A	N	G	A	L	A	X	I	E	S	D
C	P	W	K	M	B	J	N	U	T	M
U	I	H	Y	O	G	I	P	P	A	G
A	S	T	R	O	N	O	M	E	R	P
V	P	K	C	N	Y	Q	B	J	C	J
N	A	B	U	P	O	W	S	O	H	T
G	C	P	R	H	F	B	E	C	Z	P
T	E	L	E	S	C	O	P	E	Y	W
K	O	A	K	U	M	I	F	L	M	X
I	V	N	J	N	H	V	R	Y	H	O
F	R	E	O	D	Q	J	U	N	D	J
X	Q	T	U	N	I	V	E	R	S	E
A	I	N	V	E	N	T	O	R	M	G

astronomer
telescope
star
Jocelyn

galaxies
planet
moon
space

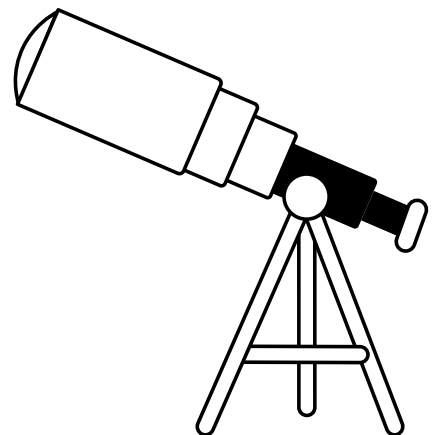
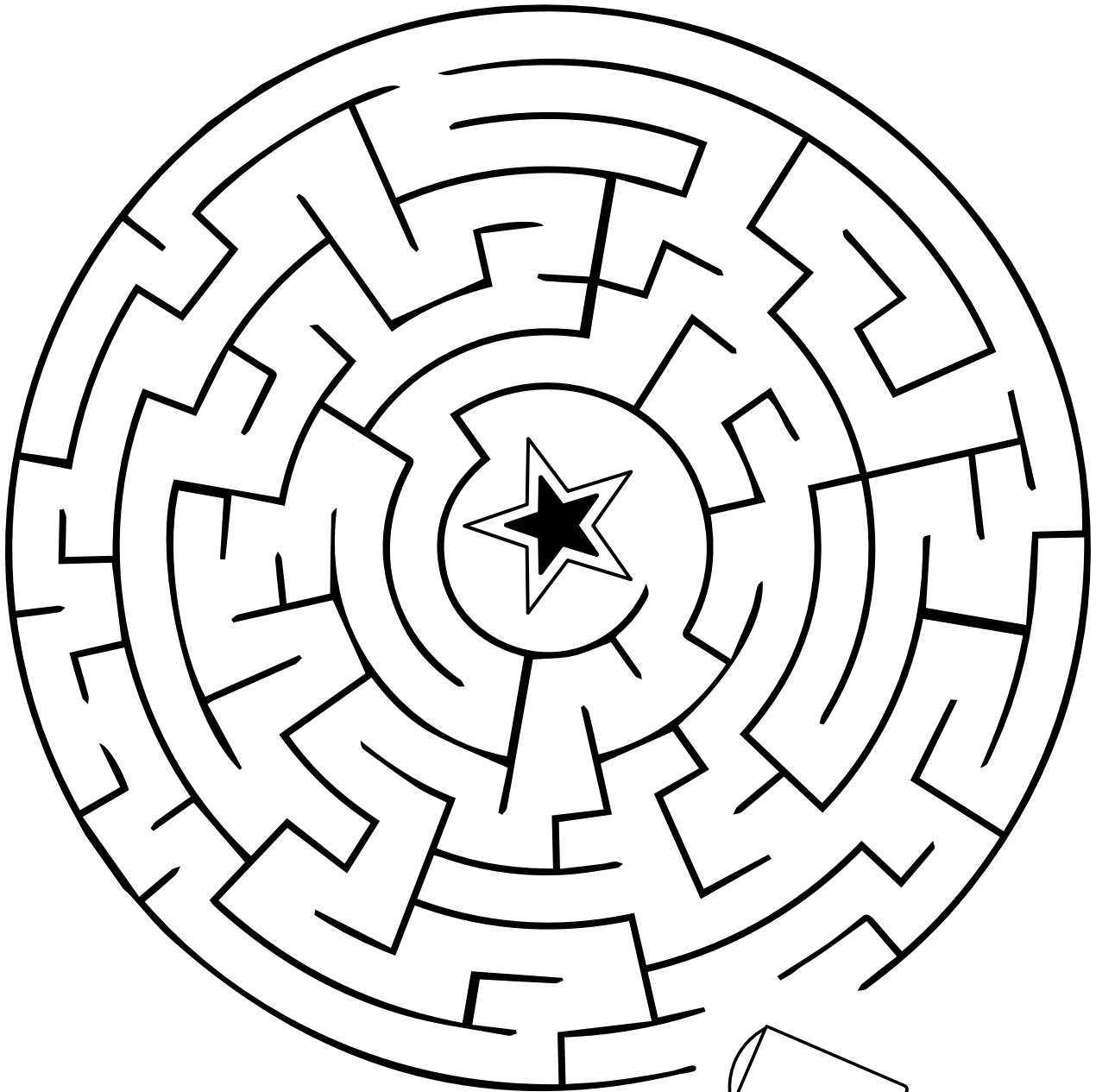
sun
Universe



Find the way

Can you find your way out of the maze?

Can you get the star to the telescope?



Colouring

Download and colour in this cartoon of
Jocelyn Bell Burnell

