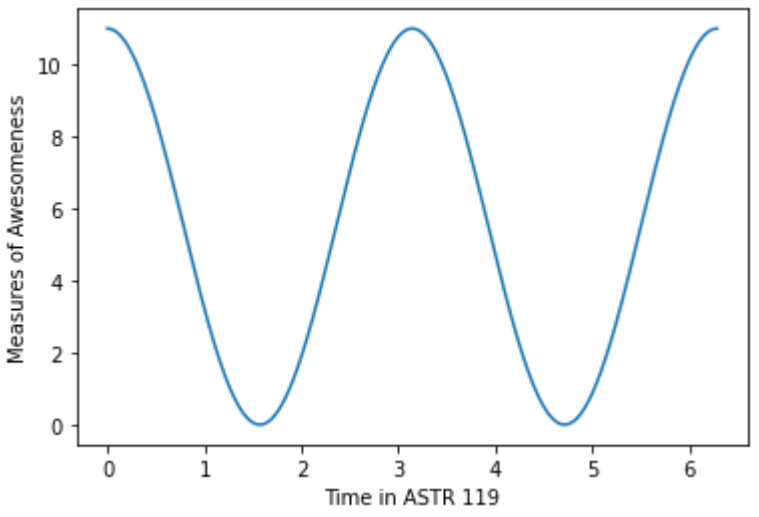
In [12]:
```
%matplotlib inline
import numpy as np
import matplotlib.pyplot as plt
```

In [28]:
```
x = np.linspace(0,2*np.pi,1000)
y = np.linspace(-1,10)
print(x[-1],2*np.pi)

y = (5.5)*np.cos(2*x)+5.5
plt.plot(x,y)
plt.xlabel('Time in ASTR 119')
plt.ylabel('Measures of Awesomeness')
plt.show()
```

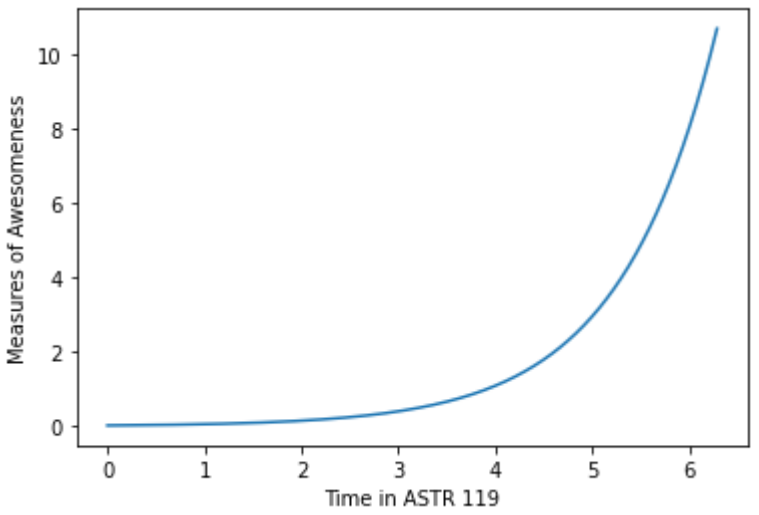
```
6.283185307179586 6.283185307179586
```



In [29]:
```
x = np.linspace(0,2*np.pi,1000)
y = np.linspace(-1,10)
print(x[-1],2*np.pi)

y = 0.02*np.exp(x)
plt.plot(x,y)
plt.xlabel('Time in ASTR 119')
plt.ylabel('Measures of Awesomeness')
plt.show()
```

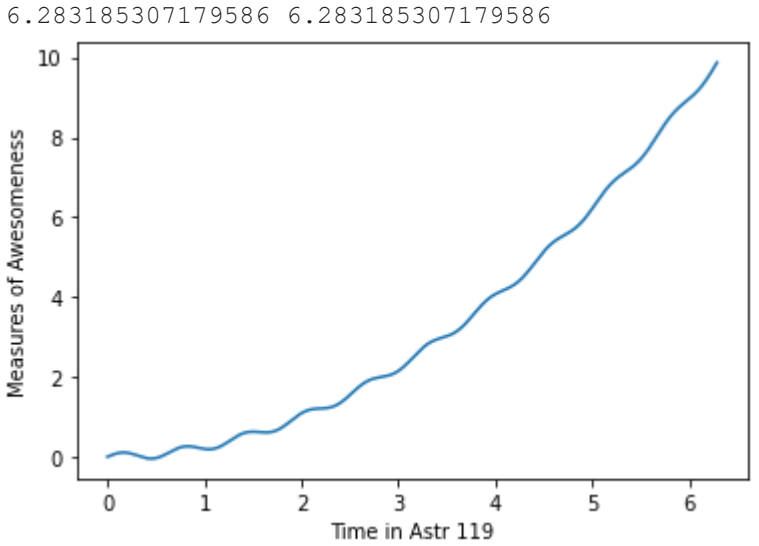
```
6.283185307179586 6.283185307179586
```



In [37]:
```
x = np.linspace(0,2*np.pi,1000)
y = np.linspace(-1,10)
print(x[-1],2*np.pi)

y = 0.25*x**2+0.1*np.sin(10*x)
plt.plot(x,y)
plt.xlabel('Time in Astr 119')
plt.ylabel('Measures of Awesomeness')
plt.show()
```

```
6.283185307179586 6.283185307179586
```



In [ ]: