



SCOUTMASTER BUCKY

Astronomy Merit Badge Class Preparation Page

for **ONLINE** and **IN-PERSON** classes ScoutmasterBucky.com or ScoutmasterBucky@yahoo.com or 612-483-0665

Expectations

1. Read and Review ALL requirements prior to the class.
2. Active interaction / participation is expected and mandatory.
3. Share in your own words – avoid reading your answers.
4. Pay attention to the action verbs.
5. Bring proof of completion (even partially completed work).
6. A positive Scouting focus and attitude
7. Scout uniform.

Remember to Bring

1. Your Scouting Member ID (formerly BSA ID – **NOT** your Scoutbook ID) or your merit badge blue card properly filled out and signed off by your Unit Leader or authorized designee.
2. Notes and questions from reading the American Business merit badge pamphlet.
3. Supporting documentation or project work pertinent to this merit badge that may also include a merit badge workbook for reference with notes.
4. **IN-PERSON CLASS:** Appropriate outdoor clothing for the forecasted weather conditions (some components of the class will take place outdoors; both daytime and nighttime)
5. Binoculars or Telescope, if possible
6. Flashlight and other nighttime safety items (when evening observations will take place)

Requirements Insight

IN-PERSON CLASS: Safety Expectations: Some requirements will take place outdoors. Scouts should arrive prepared with appropriate outdoor clothing and gear for the season, location, and forecasted weather. Scouts who are not adequately dressed for the conditions may have their participation limited for safety reasons.

Requirement(s)	Expectations
1, 2, 3, 4d, 5, 6, 7, and 9	<p>If you have prepared ahead of time, you will be able to complete these requirements during the class.</p> <ul style="list-style-type: none"> • Time will be allotted for those Scouts who have prepared to share their work for completion consideration.
4a and 4b	<p>Scouts must work on these requirements ahead of time and bring their work to share for sign off consideration. Scouts not doing pre-work will not be able to complete these requirements as a part of the class.</p> <ul style="list-style-type: none"> • Scouts should come to class with notes, drawings, sketches, or other documentation showing that they have observed the night skies and identified 10 constellations along with at least 8 stars of which 5 are of magnitude 1 or brighter (check the Astronomy Merit Badge Pamphlet for explanations and guidance). • The easiest way to do this is to record the date and time of the observation and describe the location of the constellation or star as it appears in the sky. <p>NOTE: Stars and Constellations move about the sky depending on time of year and time of night they are observed, so the tracking of date and time of the observation is crucial. Many online resources are available to aid in the identification of these stars and constellations throughout the year. Drawing the constellation as it appears during your observation in the sky may be helpful as well. It must also be noted that just saying you have done these two components of requirement 4 will NOT be enough to be signed off during the class. You must provide some sort of supporting documentation to the counselor to show that you have worked on and met the expectations of these components; Requirement 4a and 4b</p>
4c	<p>You will need to prepare by making your sketches prior to the class.</p> <ul style="list-style-type: none"> • Don't forget to include the date and time of each sketch.
8	<p>This requirement will NOT be covered during the class.</p> <ul style="list-style-type: none"> • HOWEVER, Scouts who have selected one of these options to complete this requirement, will have an opportunity to share their work during the class for consideration by the counselor for sign off. <p>Please remember that any and all requirements, for any merit badge, are signed off ONLY at the discretion and satisfaction of the merit badge counselor that the requirement has met THEIR interpretation of the requirement.</p>