

TUCKER MOUNTAIN SCORING GUIDELINES

DENSITY: Needs to have a density between 66.0 and 68.9 to be accepted

(otherwise, it isn't considered maple syrup according to the USDA)

<https://www.ams.usda.gov/sites/default/files/media/MapleSyrupStandards.pdf>

| | |
|----------------------------|-----------|
| 68.0 – 68.9% Brix | 15 points |
| 67.0 – 67.9% Brix | 20 points |
| 66.5 – 66.9% Brix | 25 points |
| 66.0 – 66.4% Brix | 20 points |
| Above 68.9% or below 66.4% | 0 points |

COLOR: Color classes are associated with specific %Tc values as follows:

| Grade A Color Classes | Taste | Light Transmittance (%Tc) |
|------------------------|----------|---------------------------|
| U.S. Grade A Golden | Delicate | ≥ 75.0 |
| U.S. Grade A Amber | Rich | 50.0 – 74.9 |
| U.S. Grade A Dark | Robust | 25.0 – 49.9 |
| U.S. Grade A Very Dark | Strong | < 25.0 |

| <u>%Tc</u> | <u>score</u> | <u>%Tc</u> | <u>score</u> | <u>%Tc</u> | <u>score</u> |
|------------|--------------|------------|--------------|------------|--------------|
| 75+ | 25 points | 45 – 49.5 | 20 points | 20 – 24.9 | 5 points |
| 65 – 74.9 | 24 points | 40 – 44.9 | 18 points | 15 – 19.9 | 3 points |
| 60 – 64.9 | 23 points | 35 – 39.9 | 14 points | 10 – 14.0 | 1 point |
| 55 – 59.9 | 22 points | 30 – 34.9 | 12 points | | |
| 50 – 54.9 | 21 points | 25 – 29.9 | 10 points | | |

CLARITY: scored based on the amount of sediment, crystals and foreign objects in the sample

FLAVOR VOTES: One vote = 3 points (could vary each year depending on total number of votes – school with highest number of votes should receive around 25 points)

BONUS FOR SAMPLES OF CLASSROOM WORK: submit what you feel is a good representation of how you integrate maple into your classroom curriculum (worksheets, projects, pictures of posters, etc.) multiple samples are fine