

## Corn Seed (Grain) Dissection LAB Name

Per

Check and X as you go	•
Use a <u>straight edge</u> for labels.	
Use your Calendar or other reference for parts.	
ternal Corn Seed (Grain):	
<ol> <li>Corn seeds are more than a seeds because the FRUIT o</li> </ol>	r OVARY
WALL is the outer layer. Such seeds are call	ed grains.
2. Corn grains come from female flowers packed together	in an "ear".
They each have a silk or stigma for collecting	; p
See the poster!	dues.
3. The male flowers, "tassels", at the top of the plants pro	duce
p Pollen transferred to another pla	Int by w
<ol> <li>Examine a corrigiant that has been soaked overnight.</li> <li>The point is the "POINT OF ATTACHMENT" where it the</li> </ol>	arain
b. The point is the POINT OF ATTACHMENT where it the	(toward you)
6 Have the corn grain on your naner with the shiny white	area un
7 The long humpy ridge in the center of the white shiny white	area
is the FMBRYO showing through	
8. The SILK SCAR, where the silk broke off, is a tiny raised	bump
up from the embryo. On a clock, it would be	e at 12 o'clock.
It is hard to find, but you should be able to f	eel it, then see it.
9. Draw the external view of your corn grain. Be sure to c	Iraw an outline drawing
and show the shape of the EMBRYO with an	outline drawing.
10. Label the FRUIT, EMBRYO, SILK SCAR, and POINT OF A	TTACHMENT.
Have checked while you have the seed	
<ul> <li>11. Be willing to follow SAFETY RULES when using a blade <ul> <li>a) <u>Blades always POINT DOWN, toward table. NO</u></li> <li>b) <u>Blades STAY at THE "CUTTING BOARD". ASK to</u></li> <li>c) <u>Fingers are always away from and ABOVE the c</u></li> <li>d) Sign your name that you agree.</li> </ul> </li> <li>12. Use a pen to draw an ink line on the corn to mark the</li> </ul>	T fingers. <u>use.</u> <u>utting edge</u> . <u>EMBRYO.</u>
<ol><li>Have your ink line checked and ASK to use the blade.</li></ol>	
With both hands on the blade, cut straight c	in your ink line
to cut <u>through</u> the entire grain. Tear what d	lidn't cut.
to cut <u>through</u> the entire grain. Tear what d 14. Identify parts on the "cut" side using the drawing on y	idn't cut. 'our calendar.
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