

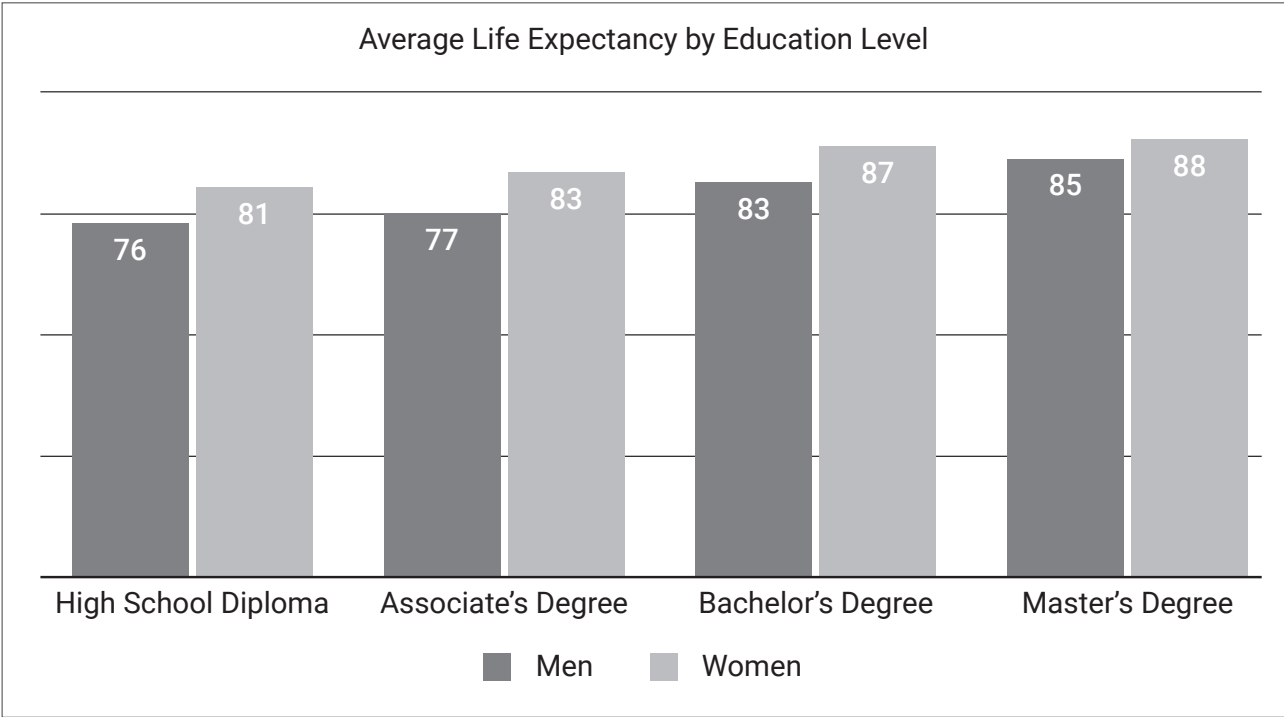
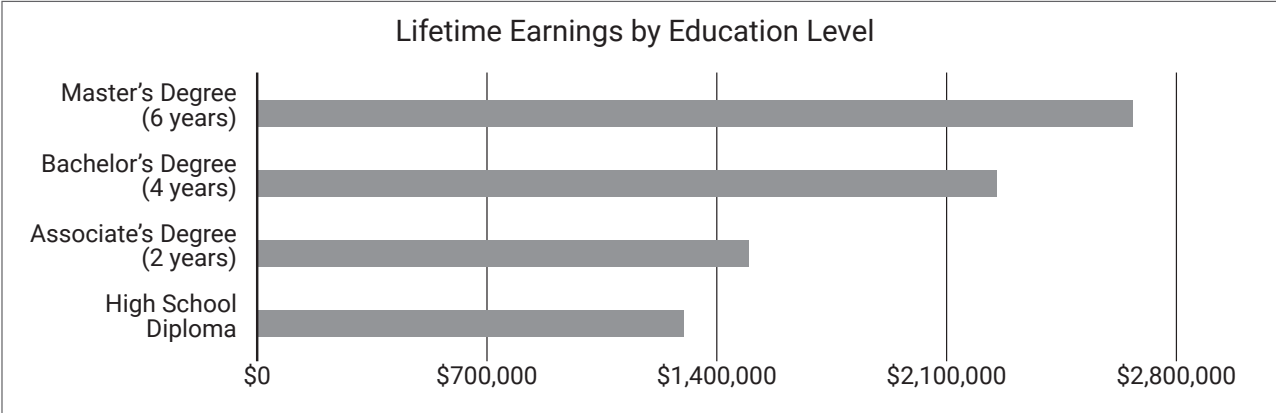
# Science Orientation

## Learning Targets

1. Explain how attending college can impact income and life expectancy.
2. Create a “why” for preparing for the ACT.
3. Summarize how the ACT is scored.
4. Determine the number of correct answers needed to achieve a goal score.

Instructions

Refer to these graphs as your teacher discusses the importance of going to college.



**Instructions**

Write your responses to questions 1–3 in the spaces provided.

1. How will a good ACT score help you?

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2. How will a good ACT score help your family?

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3. What goals or dreams do you have? How will college help you achieve those goals?

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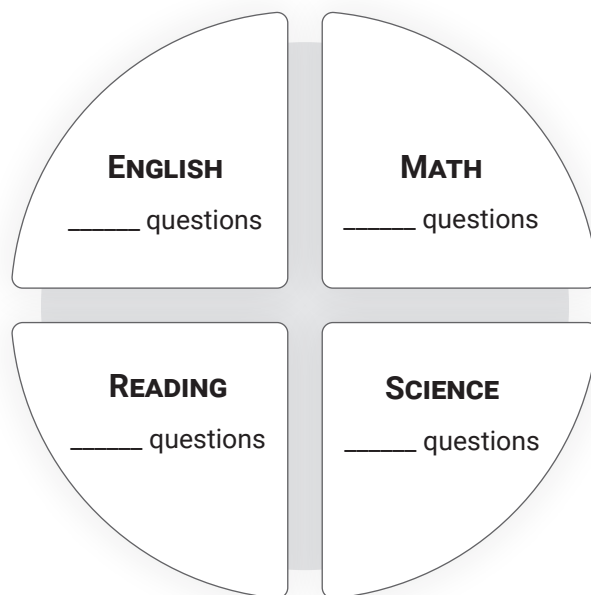
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**Instructions**

Fill in the blanks as your teacher leads the discussion on ACT scoring.



- 4. You can score between 1 and \_\_\_\_\_ points on each subject test. This is called the **scale** score.
- 5. Your **composite** score is the \_\_\_\_\_ of your scores for each subject test. This is the score colleges will look at.

**Instructions**

Use the conversion chart to see how many questions you need to get right to reach your goal score.

Scale Score	Raw Scores				Scale Score
	English	Math	Reading	Science	
36	75	60	40	40	36
35	74	59	39	39	35
34	73	58	39	39	34
33	72	59	38	38	33
32	71	57	37	38	32
31	71	55	37	38	31
30	69	53	36	37	30
29	68	52	35	36	29
28	67	50	34	36	28
27	65	47	33	34	27
26	63	45	32	33	26
25	61	42	31	31	25
24	59	40	30	30	24
23	57	37	29	28	23
22	54	36	27	27	22
21	52	34	26	25	21
20	49	32	24	23	20
19	46	30	22	21	19
18	43	28	21	19	18
17	41	25	19	17	17
16	38	20	18	15	16
15	35	17	16	14	15
14	33	14	15	13	14
13	31	12	13	12	13
12	29	9	12	11	12
11	26	7	10	10	11
10	24	6	8	8	10
9	21	5	7	7	9
8	18	4	6	6	8
7	15	3	5	5	7
6	12	3	4	4	6
5	9	2	4	3	5
4	7	1	3	2	4
3	5	1	2	1	3
2	3	-	1	1	2
1	0	0	0	0	1

6. What is your goal score for the ACT Science test? \_\_\_\_\_
7. How many questions do you need to get right to earn your goal score? \_\_\_\_\_
8. How many questions can you **miss** or **guess** and still reach your goal score? \_\_\_\_\_