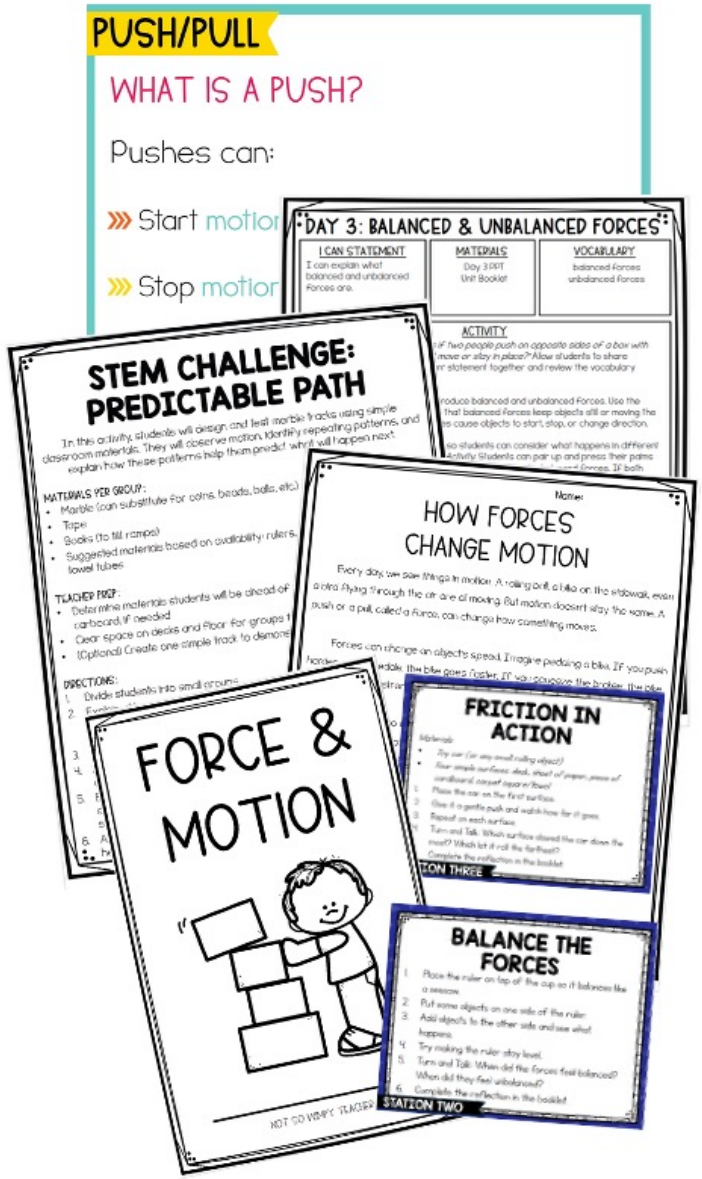
What's Included

- ✓ 4 instructional PowerPoints
- ✓ Daily lesson plans
- ✓ 13 vocabulary cards
- ✓ 20 task cards
- ✓ Booklet with an activity for each day
- ✓ Animal science station activities
- ✓ STEM camouflage challenge
- ✓ Original reading passages
- ✓ Assessment



10 Days of Activities

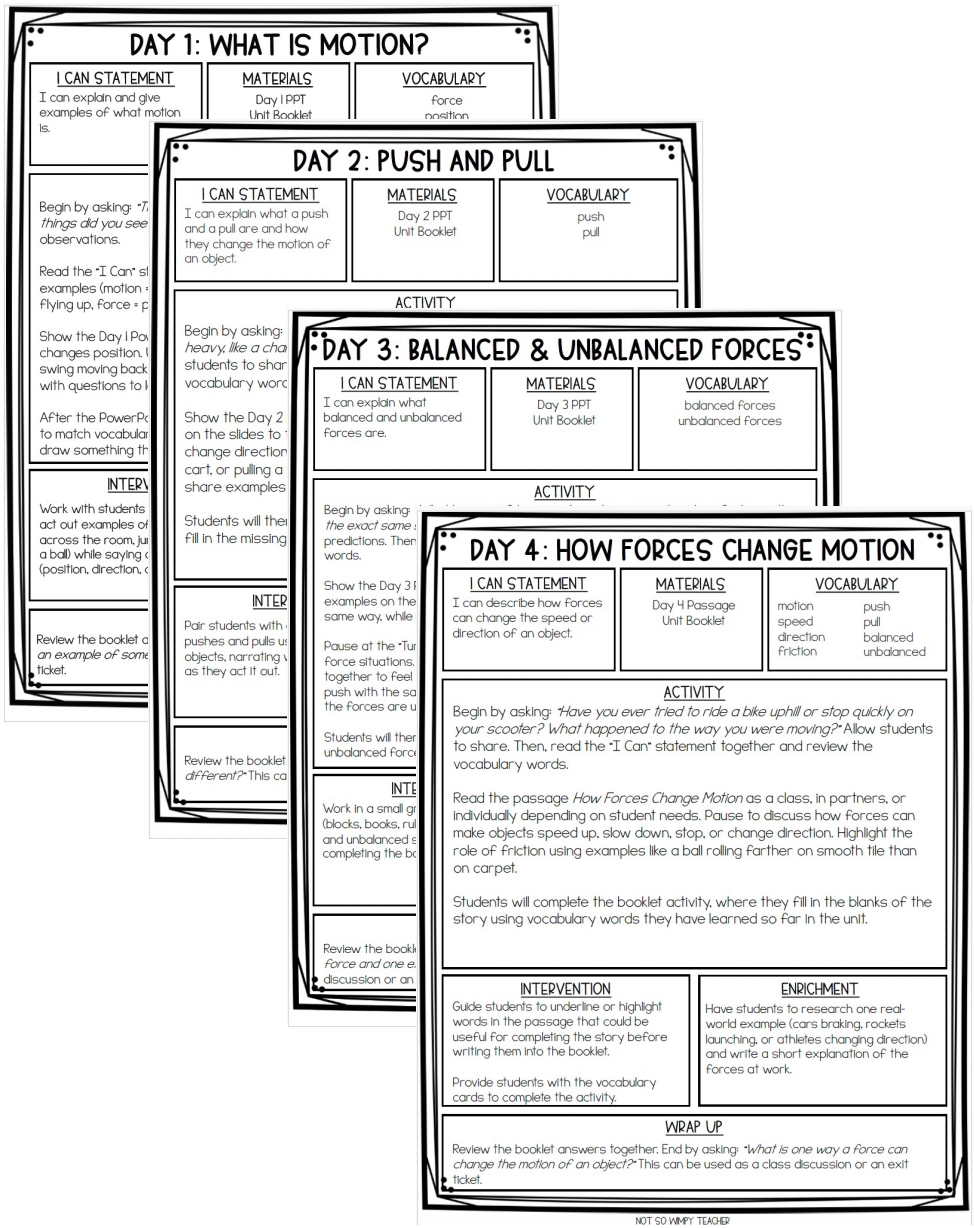
This unit includes four instructional PowerPoints that teach the concept.

Students will practice the skill using guided booklets, hands-on activities, force & motion stations, and task cards.

Vocabulary cards for student reference.

STEM marble predictable path activity.

Included unit assessment.



PowerPoint Lessons

PATTERNS

Vocabulary Review:

Unbalanced Forces: forces that are not equal and cause a change in motion

PATTERNS

I CAN...

observe and describe patterns of motion ar
use them to make predictions.

PUSH/PULL

Give an example of a time something.

D TALK!

MOTION

WHAT IS MOTION?

- Motion is when something changes position.
- If it goes from one place to another, it's moving.

MOTION

CURIOSITY SPARK

FORCES

UNBALANCED FORCES EXAMPLES





5 PATTERNS IN MO

Directions: Answer the question after the pendulu

1. What pattern did you notice in the pendulu motion?

2. What changed when the pendulum was pu harder?

7 STEM CHALLENGE

Directions: Answer the questions after the STEM activity.

1. What patterns did you notice wh rolled on the track?

2. How did the pattern help you p happen next?

3 FORCES

Directions: Circle the correct answer.

1. If nothing changes, the forces are...
   A. Balanced B. Unbalanced
2. If something starts, stops, or changes direction, the forces are...
   A. Balanced B. Unbalanced

Directions: Write B for balanced forces or U for unbalanced forces for each example.

4 MOTION CHANGES

Directions: Read the passage then fill in the blanks in the story

ord bank

direction	friction
balanced	unbalanced

with my friends. I gave the

_____ and it started to move.

_____.

ier _____, which

_____ increase.

6 READING PASSAGE

the questions after reading the passage.

attern of motion mean?

iat is always changing in random ways

iat happens the same way again & again

at never stops moving at all

at only happens in nature

s to a bouncing ball each time it hits the

ears into the ground.

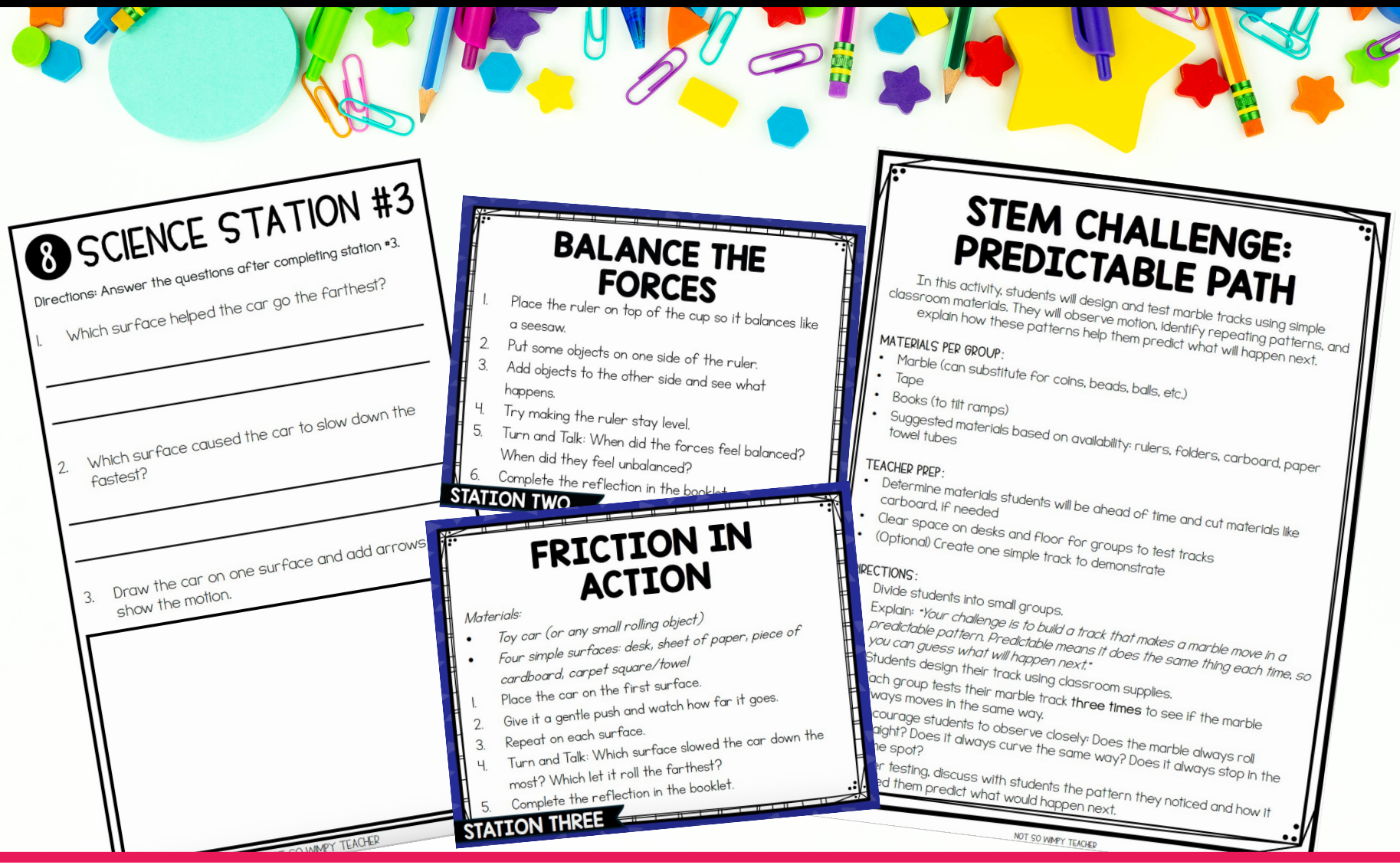
a straight line.

es back up, but a little less each time.

in one place.

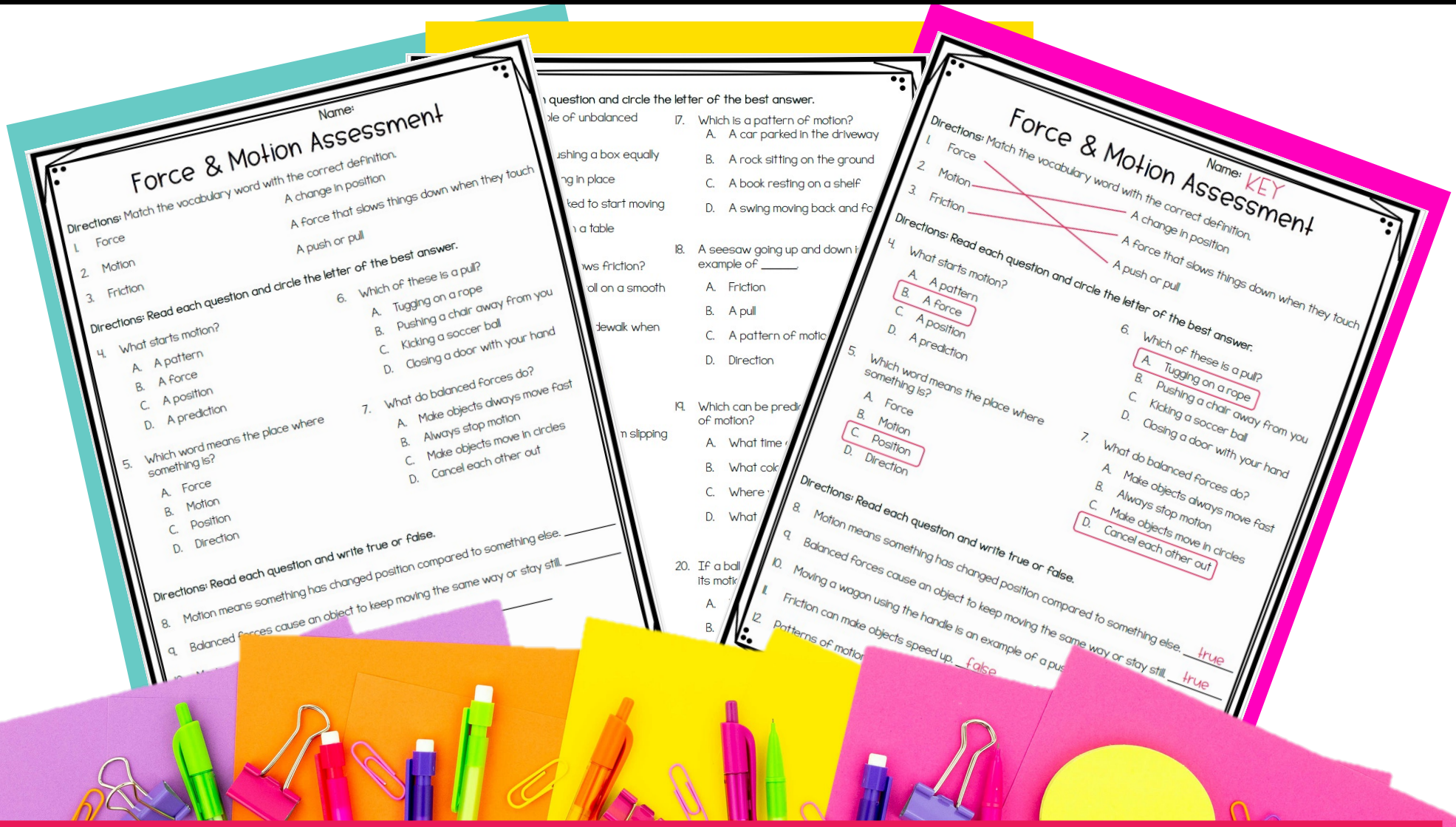
Each lesson is designed to be taught in 30 minutes, with all student work completed in their booklets. You can choose to take a daily grade, completion grade, or grade for accuracy.

STEM Activities



Students practice the skill with hands-on STEM activities exploring predictable paths, balanced forces, and friction.

Assessment



A standards-aligned unit assessment is provided to evaluate students' understanding.