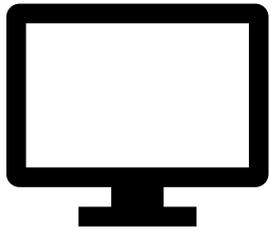


# EQUINOX



DIGITAL



PRINT

**EQUINOX**

Astronomers define the equinox as the moment the Earth's equator on its axis passes the same plane of the Sun's equator. The word equinox comes from the Latin words aequus (equal) and nox (night). The two hemispheres receive equal sun at the equinox. Equinoxes take place twice a year.

During an equinox, every place on Earth gets 12 hours of daylight and 12 hours of darkness (except for the poles). An equinox occurs when sun is positioned directly over the equator.

The Earth is tilted on its axis by 23 1/2 degrees. The Earth's tilt and continuous orbit movement cause an equinox to occur. During an equinox, the Earth's axis is not slanted towards or away from the sun. The Earth's tilt allows sunlight to hit the Northern and Southern hemispheres at different angles.

The Earth's orbit around the sun lasts 365.25 days. This journey around the sun causes changes in temperature and changes to the amount of daylight. Equinoxes generally occur around March 20 or 21 and September 22 or 23. Equinoxes do not always occur on the same day each year. Since the Earth actually takes about 365.25 days to orbit the sun, equinoxes happen later from year to year.

There are two types of equinoxes: vernal and autumnal. The vernal equinox in March is also known as the spring equinox. The vernal equinox marks the first day of spring in the Northern hemisphere. The north pole begins to lean towards the sun.

The vernal equinox occurs in the Northern hemisphere in March while the autumnal equinox occurs in the Southern hemisphere. This reverses in September. The spring equinox occurs at a specific moment when the sun crosses the celestial equator. The celestial equator is the imaginary line in the sky above Earth's equator, from south to north.

The sun rises earlier and night comes later following a vernal

How many different types of equinoxes are there? \*

- Seven
- Two
- Three
- Eleven

What country celebrates Shunbun no Hi? \*

- Japan
- Australia
- Mexico
- None of the above

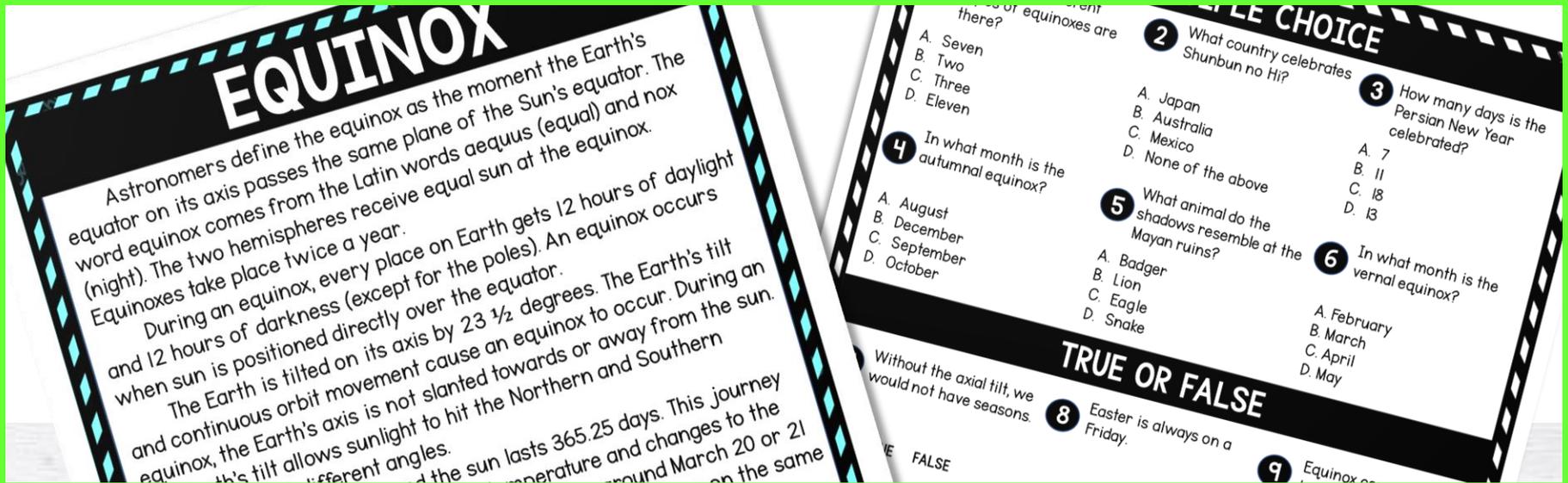
How many days is the Persian New Year celebrated? \*

- 7
- 11
- 18
- 13

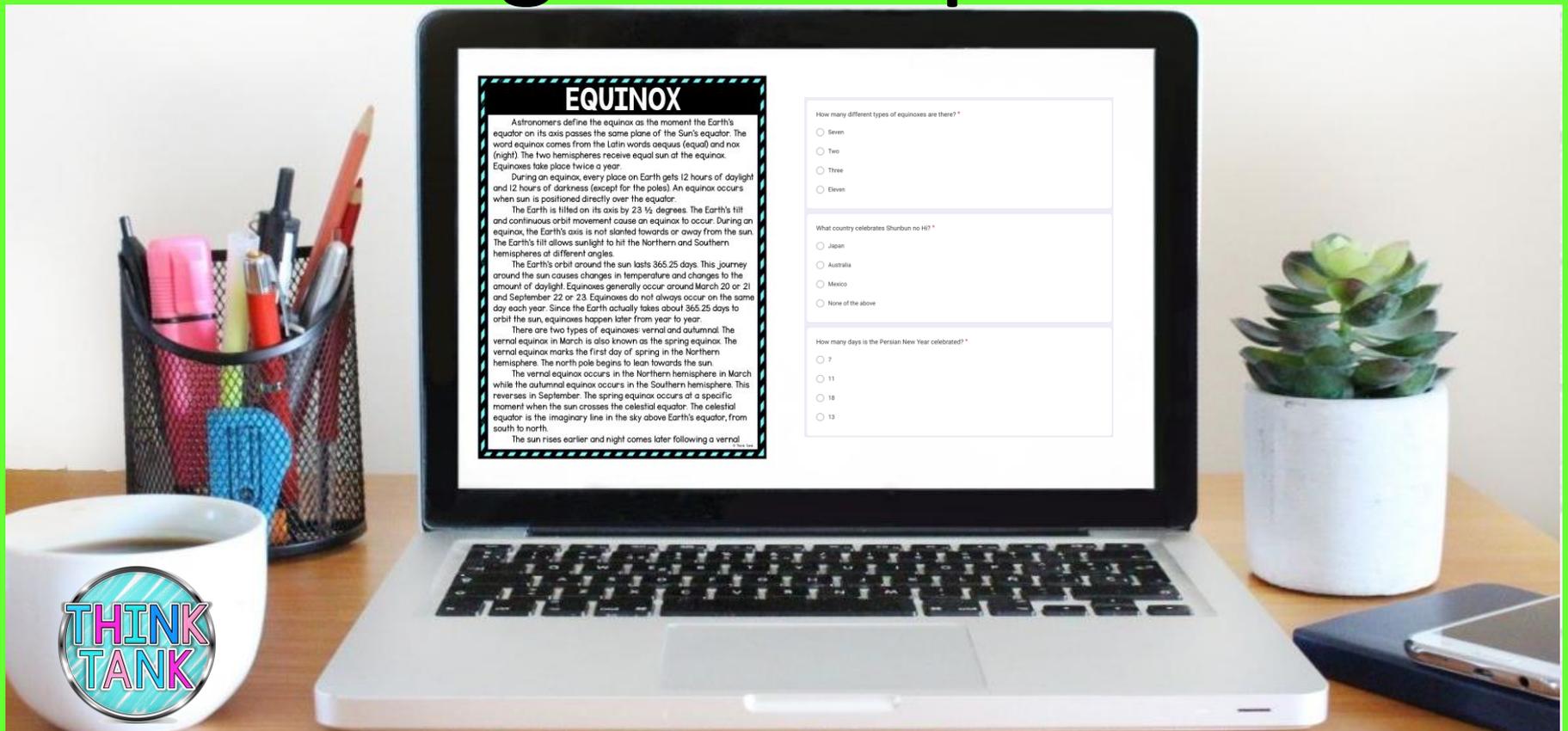


# READING PASSAGE

# 15 QUESTIONS



Digital or print



# INCLUDED

- ✓ READING PASSAGE
- ✓ TEACHER DIRECTIONS
  - ✓ ANSWER KEY
  - ✓ 15 QUESTIONS
  - ✓ SELF-GRADING
- ✓ PRINTABLE VERSION
- ✓ DIGITAL VERSION



# QUESTION TYPES

-  **MULTIPLE CHOICE (6)**
-  **TRUE OR FALSE (9)**
-  **EDITABLE QUESTIONS  
(FOR DIGITAL VERSION)**

True

False



# STUDENTS NEED

✓ ACCESS TO GOOGLE CLASSROOM™  
(IF USING THE DIGITAL FORMAT)

✓ GOOGLE™ ACCOUNTS

✓ KNOW HOW TO ZOOM IN AND ZOOM OUT TO  
ENLARGE OR SHRINK THE SCREEN

True

False



# BENEFITS

-  SELF-GRADING
-  IMMEDIATE STUDENT FEEDBACK
-  PAPERLESS
-  NO PREP
-  SAVES YOU TIME
-  COMPREHENSION PRACTICE



# OPTIONS



**FRONT-LOADING**



**GROUP STATIONS**



**SUB PLANS**



**UNIT REVIEW**



**ENRICHMENT ACTIVITY**



**DIGITAL**



**PRINTABLE**

