Grammar: Time clauses; present participle clauses

5. Complete the chart.

Use time clauses to show the order of events in the past, present, and future.

Use before to show that the event in the time clause happened second.

The Atlantic Avenue Tunnel was made in 1844, _____ the subway system was created.

FIRST EVENT — SECOND EVENT

Use after to show the event in the time clause happened first.

_____ the news spreads, Bob becomes a local hero.

FIRST EVENT — SECOND EVENT

Use when to show that both events happened at the same time.

They will search for a steam train in the tunnel _____ they have enough money.

You can use the -ing form (gerund) of a verb after before and after.

Before searching for the tunnel, Bob heard about it on a radio program.
Bob finds an old map **after** _____ city records for 8 months.

Get it RIGHT!

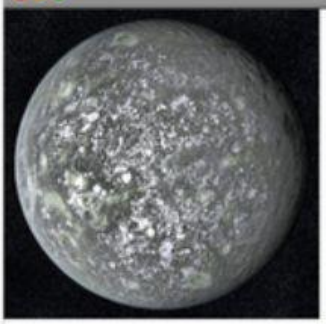
When talking about the future, the time clause is usually in the present tense, not the future with ***will***.
When *they* ***have*** *enough money, they'll search for the steam train.* (NOT: ***When*** *they* ***will have*** *enough money, they'll search for the steam train.)*

Check your answers: Grammar reference, p. 113

6. Put the words in the correct order to make sentences.

1. an hour before / had waited / we / for / the tunnel / we saw *We had waited for an hour before we saw the tunnel.*
2. we / visit / seeing the tunnel, / the museum / after / will _____
3. ncient pyramids / go to Mexico / we / will / when we / visit _____
4. after / Maria usually / secret caves / posts photos / exploring _____

e correct answers.



Scientists thought there were nine planets in our solar system [1]**until / every time** they discovered a tenth planet with a telescope. Scientists called the unnamed planet *2003 UB313* [2]**while / before** they gave it its official name – Eris. [3]**After / Before** they found Eris in 2003, they took photos of it. [4]**When / Until** they studied the photos, they thought Eris was bigger than Pluto. However, they realized this wasn't true [5]**every time / once** they did more research. Scientists have been discussing what the definition of a planet is [6]**since / as** 2003, when Eris was discovered. Eris is now considered a dwarf planet. [7]**As soon as / Until** news about Eris was shared with the world, people wanted to know about the tenth planet.

Other times clauses can be used to show:

- events happening at the same time: ***while***, ***as***
- one event quickly following another: ***as soon as***, ***once***
- when an action started in the past: ***since***
- an action continuing up to another action: ***until***
- repeated events are connected: ***every time***

Speaking: My discovery

8. YOUR TURN Work with a partner. Pretend you made a discovery. Use one of the ideas below or your own idea. Tell your partner how you found it and what you'll do with it.

an old book | a secret cave | a new star

I found an old book while I was cleaning our basement.

BE CURIOUS **Find out about the Chiribaya people. What have archaeologists learned about them? (Workbook, p. 86)**



Discovery EDUCATION