#### Warmer

A:0 40 hol 1. What do think of the sun?

2. What can you make by playing shadow games? A I can make Snail

3. The relationship between of sun position and shadow?

Earth 地球	distance 4- 2	surface 2 To
temperature : 2 / j	age 年記	mass #

1. The mass of the sun is 333 thousand times the mass of Earth

2. The temperature of the sun's surface is 5,500 degrees °C

The age of the sun is 4.5 billion years.

4. The distance from the sun to the earth is 150 million kilometers.

#### Content

Watch a video of The Sun (3:35) and discuss the following questions in a small 因為太陽素企業作列最 group.

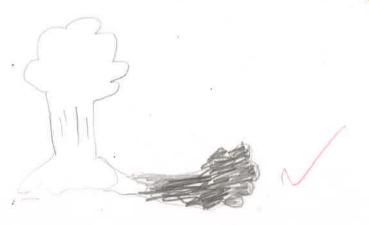
1. Why we see the sun seems much bigger and brighter than any other star?

2. How long has it been shining in space?

3. How many planets the size of our earth can fit inside the sun? 1300000

Notes; 因為太陽裏後我們最近		Bernath and the second
2.4.5倍.	77	
3、130萬顆地球		

#### **Thinking**



#### Warmer

1. What do think of the sun? Not,

2. What can you make by playing shadow games?

3. The relationship between of sun position and shadow?

Earth 25	distance 42	surface 3	
temperature 💃 💯	age 年 4	mass 集出之	

1. The most of the sun is 333 thousand times the mass of Lord.

2. The temperaturate is 5,500 degrees °C

3. The ace of the sun is 4,5 billion years.

4. The the from the sun to the earth is 150 million kilometers.

#### Content

Watch a video of The Sun (3:35) and discuss the following questions in a small group.

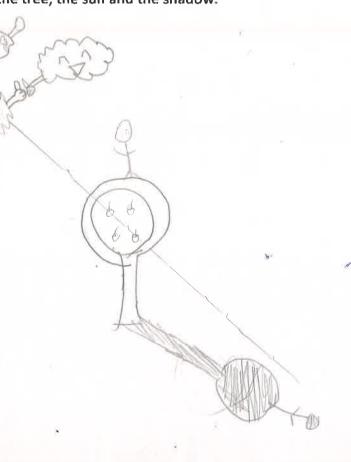
1. Why we see the sun seems much bigger and brighter than any other star? 因為 部分形式工

2. How long has it been shining in space? 130 00

3. How many planets the size of our earth can fit inside the sun? 130 000

Notes: 四点,海岸北侧最近	
45億	
13300000類地球	

#### **Thinking**



B Class (O Number Name: Le	鄉館
Class (O Number Name: Lei	沙州儿

#### Warmer

1. What do think of the sun? hot light

2. What can you make by playing shadow games? 09 bird

3. The relationship between of sun position and shadow?

陽越高,最好越短

#### Language

Earth		distance	surface \
temperature		age	mass

1. The MOSS of the sun is 333 thousand times the house of Earth.

2. The temperature of the sun's Surface is 5,500 degrees °C

3. The age of the sun is 4.5 billion years.

4. The distance from the sun to the earth is 150 million kilometers.

#### Content

Watch a video of <u>The Sun</u> (3:35) and discuss the following questions in a small group.

- 1. Why we see the sun seems much bigger and brighter than any other star?
- 2. How long has it been shining in space?
- 3. How many planets the size of our earth can fit inside the sun?

Notes;因為太陽最靠近我們	9.		
四點五億年。			24
3.一百三十萬颗。	1	198	

#### **Thinking**



5B Class 24 Number Name: Sophia 享附目宜

# Observing the sun-A planet that glows and heats

#### Warmer

1. What do think of the sun? hot

2. What can you make by playing shadow games? I can make a clam.

3. The relationship between of sun position and shadow? Shadow would be short or high

Language

Earth	distance	surface	
temperature	age	mass	

1. The mass of the sun is 333 thousand times the mass of Earth

2. The temperature of the sun's surface is 5,500 degrees °C

3. Theage of the sun is 4.5 billion years.

4. The distance from the sun to the earth is 150 million kilometers.

#### Content

Watch a video of The Sun (3:35) and discuss the following questions in a small group.

1. Why we see the sun seems much bigger and brighter than any other star? because it is close by 2. How long has it been shining in space? 4.5 billon years

3. How many planets the size of our earth can fit inside the sun? 150 000 000

Notes:	因為它距离	主地球最近	
2 4.	5億年		2
3 1300	000 0 顆	/	

#### **Thinking**



48 Class Number Name: Will

# Observing the sun-A planet that glows and heats

#### Warmer

1. What do think of the sun? A hol

2. What can you make by playing shadow games? A ', bird

3. The relationship between of sun position and shadow? A.太陽越高 望了花短

La	ng	ua	ige
-			

Earth ナビェント	distance Seat	surface 积图	
temperature 1979	age 压步,	mass 争吕	7,
1. The mass of the	sun is 333 thousand	times the Mass of	Earth.
2. The Temperat	Mof the sun's Sal	is 5,500 degr	ees °C

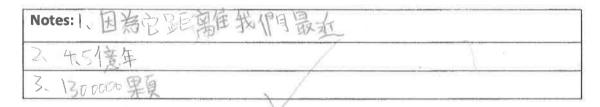
3. The of the sun is 4.5 billion years.

4. The Alexander from the sun to the earth is 150 million kilometers.

#### Content

Watch a video of The Sun (3:35) and discuss the following questions in a small group.

- 1. Why we see the sun seems much bigger and brighter than any other star?
- 2. How long has it been shining in space? 🔼 🦴
- 3. How many planets the size of our earth can fit inside the sun?



#### **Thinking**



五英 Class	2	Number Name:	A	1	2	
						_

#### Warmer

1. What do think of the sun? hot

2. What can you make by playing shadow games?

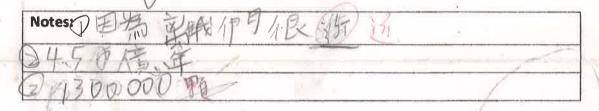
## language

Language	- 1		
Earth 士也	distance	surface 表面	
temperature	age 7	mass	- 11
1. The	the sun is 333 thou	sand times the Mayof	Eart. 4
2. The 12M12	ent of the sun's_	14 Urtaceis 5,500 degr	ees °C
3. The of	the sun is 4.5 billion	years.	
4. The 1 1 4 + 0	If from the sun to t	he earth is 150 million kilor	meters.

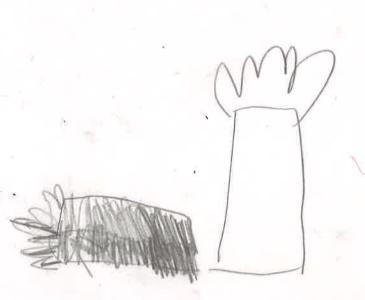
#### Content

Watch a video of The Sun (3:35) and discuss the following questions in a small group.

- 1. Why we see the sun seems much bigger and brighter than any other star?
- 2. How long has it been shining in space?
- 3. How many planets the size of our earth can fit inside the sun?



### Thinking





#### Warmer

1. What do think of the sun? hot bight

2. What can you make by playing shadow games? Swan. dog

3. The relationship between of sun position and shadow?

太陽高度角越大景多子越短 Language

Earth ×	distance	surfacex
temperature >	age×	mass

1. The Mass \_ of the sun is 333 thousand times the mass of Earth.

2. The temperature of the sun's \_surfase \_ is 5,500 degrees °C

3. The age of the sun is 4.5 billion years.

4. The Farth from the sun to the earth is 150 million kilometers. distance

Watch a video of The Sun (3:35) and discuss the following questions in a small group.

1. Why we see the sun seems much bigger and brighter than any other star?

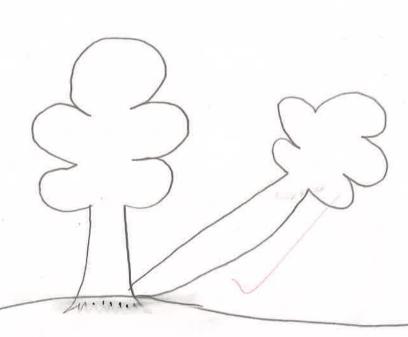
2. How long has it been shining in space?

3. How many planets the size of our earth can fit inside the sun?

Notes: 人因為它是	及近	
2、4.5億、年		I
3.1300000顆		

#### **Thinking**





5B	Class	26	Number Name:	鄭	丞	<u> </u>	ξÜ

#### Warmer

- 1. What do think of the sun? Let trees grow. Bright.
- 2. What can you make by playing shadow games? A spider A bird
- 3. The relationship between of sun position and shadow? Shadow would be longer or shorter

#### Language

Earth	distance	surface	
temperature	age	mass	

- 1. The mass of the sun is 333 thousand times the mass of Fearth.
- 2. The temperature of the sun's is 5,500 degrees °C
- 3. The sun is 4.5 billion years.
- 4. The from the sun to the earth is 150 million kilometers.

#### Content

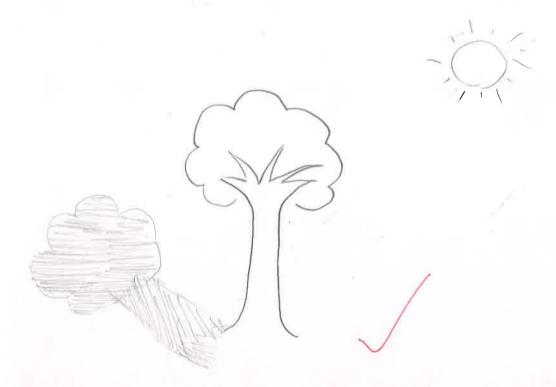
# Watch a video of <u>The Sun</u> (3:35) and discuss the following questions in a small group.

- 1. Why we see the sun seems much bigger and brighter than any other star? Because it is
- 2. How long has it been shining in space? 4.5 billions years.
- 3. How many planets the size of our earth can fit inside the sun? (500000

Notes: Becaus	se it is close	40 US=	
2 4.5 billon j	rears.	11 .	
3. 1300000 顆			

### **Thinking**

1. Please draw the tree, the sun and the shadow.



close to us.

- 4		LOAPY	BATTO
Class	Number Name:	1-15	1-10-201
Class	Nulliber Name.	University of the Contract of	

- 1. What do think of the sun? bright hot 2. What can you make by playing shadow games?
- 3. The relationship between of sun position and shadow?

3 15	y.				
差成	Δ.	EV	2.4	1	1 13
- IN	42	15/1	ブエ	La J	1.1

temperature 32 19	age	mass
Earth + 1	distance 1997	□ surface *
Language		

1. The M955 of the sun is 333 thousand times the M955 of E911

2. The WPO Fall of the sun's 94h Face is 5,500 degrees °C

3. The male of the sun is 4.5 billion years.

4. The Salt of from the sun to the earth is 150 million kilometers.

#### Content

Watch a video of The Sun (3:35) and discuss the following questions in a small

- 1. Why we see the sun seems much bigger and brighter than any other star?  $\Box$
- 2. How long has it been shining in space?
- 3. How many planets the size of our earth can fit inside the sun?



#### **Thinking**

5B Class 23 Number Name: Magaie

# Observing the sun-A planet that glows and heats

#### Warmer

1. What do think of the sun? Very hot.

2. What can you make by playing shadow games? Pog.

3. The relationship between of sun position and shadow?

Language

Earth	distance	surface
temperature	age	mass

1. The mass of the sun is 333 thousand times the mass of Farth

2. The temperature of the sun's Santage is 5,500 degrees °C

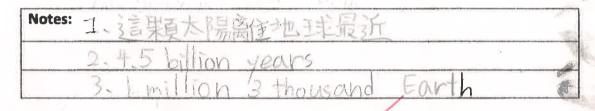
3. The of the sun is 4.5 billion years.

4. The distance from the sun to the earth is 150 million kilometers.

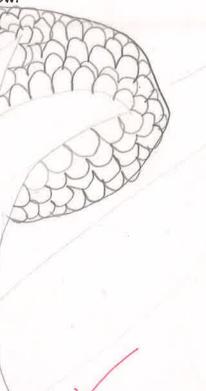
#### Content

Watch a video of <u>The Sun</u> (3:35) and discuss the following questions in a small group.

- 1. Why we see the sun seems much bigger and brighter than any other star?
- 2. How long has it been shining in space?
- 3. How many planets the size of our earth can fit inside the sun?



#### **Thinking**



5B	Class	19	Number Name:	Vickie	趙為之
			The second secon		

#### Warmer

1. What do think of the sun? hot . light . warm

2. What can you make by playing shadow games? dog bird

3. The relationship between of sun position and shadow? When the sun position is high, the

Language

Latiguage					
Earth	distance	surface			
temperature	age	mass			

1. The mass of the sun is 333 thousand times the mass of Earth.

2. The temperature of the sun's Surface is 5,500 degrees °C

3. The age of the sun is 4.5 billion years.

4. The distance from the sun to the earth is 150 million kilometers.

#### Content

Watch a video of <u>The Sun</u> (3:35) and discuss the following questions in a small group.

- 1. Why we see the sun seems much bigger and brighter than any other star?
- 2. How long has it been shining in space?
- 3. How many planets the size of our earth can fit inside the sun?

Notes: 人因為太陽是蘇生地球最近的恆星。	
2.4.5億年	25
3.1300000 穎地球	

#### Thinking





#### Warmer

1. What do think of the sun? hot 179ht

2. What can you make by playing shadow games? I will be bird. ~

3. The relationship between of sun position and shadow? The sun will be high so the shadow will be short.

La	ng	ua	g	e
----	----	----	---	---

Earth 也球	distance 35 de	surface表面
temperature 流度	age 年紀	mass 🖫 🖶

1. The mass of the sun is 333 thousand times the mass of earth.

2. The temperature of the sun's Surface is 5,500 degrees °C

3. The age of the sun is 4.5 billion years.

4. The attance from the sun to the earth is 150 million kilometers.

#### Content

Watch a video of The Sun (3:35) and discuss the following questions in a small

1. Why we see the sun seems much bigger and brighter than any other star?

2. How long has it been shining in space?

3. How many planets the size of our earth can fit inside the sun?

Notes: 1. 因為它距离住我們最近。	
2.4.5億年。	N. Carlotte
3.1300000果負土也主义。	

## **Thinking**



# Att

# Observing the sun-A planet that glows and heats

#### Warmer

1. What do think of the sun? hot , light

2. What can you make by playing shadow games? I will be bird

3. The relationship between of sun position and shadow? The sun will be hight, so the shadaw will be short.

Lar	one	20	0
LOI	:54	ab	C

Earth	distance	surface	
temperature 溫度	age 年齡	mass	

1. The mass of the sun is 333 thousand times the mass of Earth.

2. The temperature of the sun's suface is 5,500 degrees °C

3. The gar of the sun is 4.5 billion years.

4. The \_\_\_\_\_\_\_from the sun to the earth is 150 million kilometers.

#### Content

Watch a video of <u>The Sun</u> (3:35) and discuss the following questions in a small group.

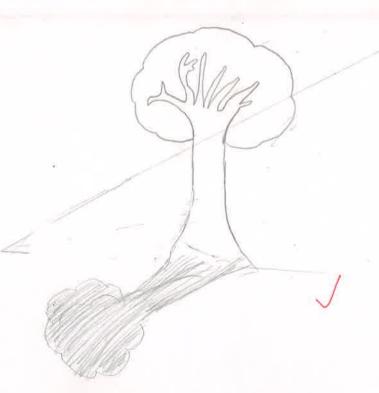
1. Why we see the sun seems much bigger and brighter than any other star?

2. How long has it been shining in space?

3. How many planets the size of our earth can fit inside the sun?

Notes:	1.	其他星球比較	交速,	
	2,	4、51意、	/	8
	3.	1300000個地玉	求	

#### **Thinking**



#### Warmer

1. What do think of the sun? 套

2. What can you make by playing shadow games?

手型游工

3. The relationship between of sun position and shadow?

Language	升四至,5少升西升	果系	太陽斯高沙子茶短
Earth	distance	surface	Mass
temperature	age	mass	ANASS Earth

1. The mass of the sun is 333 thousand times the spe of earth.

2. The temperataur of the sun's Sarface is 5,500 degrees c

3. The ?? < of the sun is 4.5 billion years.

4. The dig + and from the sun to the earth is 150 million kilometers.

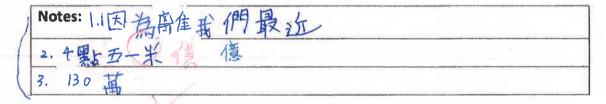
#### Content

Watch a video of The Sun (3:35) and discuss the following questions in a small

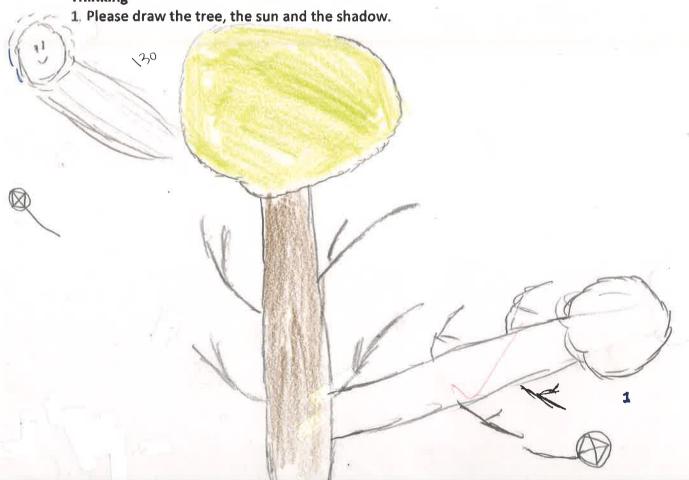
1. Why we see the sun seems much bigger and brighter than any other star?

2. How long has it been shining in space?

3. How many planets the size of our earth can fit inside the sun?



#### **Thinking**



五字 Class 6	Number Name:	幸勢豆	Jadeh	13
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#### Warmer

1. What do think of the sun? hot

2. What can you make by playing shadow games?

2. What can you make by playing shadow? 高度角高 影子

Language	La	n	g	ua	ge
----------	----	---	---	----	----

Earth	distance	surface	
temperature 温度	age 近知	mass 植型、	

1. The mass of the sun is 333 thousand times the mass of Equation.

2. The temperature of the sun's surface is 5,500 degrees °C

3. The age of the sun is 4.5 billion years.

4. The distance from the sun to the earth is 150 million kilometers.

#### Content

Watch a video of The Sun (3:35) and discuss the following questions in a small

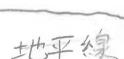
1. Why we see the sun seems much bigger and brighter than any other star?  $\underline{\mathbf{w}}$ 

2. How long has it been shining in space?

3. How many planets the size of our earth can fit inside the sun?

Notes:1.因為離我們也較近	
2. 4.5 億年 🦳	-
3. 1300000 顆 顆	

#### **Thinking**



	G5 STEAM worksheet
	G5 STEAM worksheet  5 B Class Number Name:
	Observing the sun-A planet that glows and heats
	<ul> <li>Warmer</li> <li>1. What do think of the sun?</li> <li>2. What can you make by playing shadow games?</li> <li>3. The relationship between of sun position and shadow?</li> </ul>
	* RE \$ = 12/3 + 14 50 63
	Language \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	Earth distance surface 表面
	temperature 油油 age mass 加量  1. The mass for Earth.  2. The temperature of the sun's Surface is 5,500 degrees °C
	3. The age of the sun is 4.5 billion years.
	4. The distance from the sun to the earth is 150 million kilometers.
	Content
	Watch a video of The Sun (3:35) and discuss the following questions in a small
	group.
	1. Why we see the sun seems much bigger and brighter than any other star?
	2. How long has it been shining in space?
	3. How many planets the size of our earth can fit inside the sun?
	Notes: 1 1 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2
	一
	2.4.5倍年
	3. 1300000 額
	Thinking SOUTH
	1. Please draw the tree, the sun and the shadow.
1	
_	
.05	T we
	1711 ( / 1

north

#### Warmer

1. What do think of the sun?光和熱

2. What can you make by playing shadow games? 3. The relationship between of sun position and shadow?

大局走成。 Language	الله د	主土	TR
Language	11.	2 HIVE	112

Earth	distance	surface	
temperature	age	mass	

1. The macs of the sun is 333 thousand times the mass of Earth.

2. The temperature of the sun's Surface is 5,500 degrees °C

3. The age of the sun is 4.5 billion years.

4. The distance from the sun to the earth is 150 million kilometers.

#### Content

Watch a video of The Sun (3:35) and discuss the following questions in a small

1. Why we see the sun seems much bigger and brighter than any other star? 它意度地 斑 取 近。
2. How long has it been shining in space 4.5 位 位

2. How long has it been shining in space? 4.5 1/8 &

3. How many planets the size of our earth can fit inside the sun? 30

		Y APSV
Notes: 门宫旗生	地球最近	
2.4.5/音、证		2 2
3、130萬果真		

#### **Thinking**



5B	_Class	16	Number	Name:	Rae	風淵芮
----	--------	----	--------	-------	-----	-----

#### Warmer

1. What do think of the sun? hot. fire

2. What can you make by playing shadow games? dog, butterfly

3. The relationship between of sun position and shadow?

Language

Earth	distance	surface
temperature	age	mass

1. The age has of the sun is 333 thousand times the Wiss of M

2. The temperature of the sun's surface is 5,500 degrees °C

3. The age of the sun is 4.5 billion years.

4. The \_\_\_\_\_\_ from the sun to the earth is 150 million kilometers.

#### Content

Watch a video of <u>The Sun</u> (3:35) and discuss the following questions in a small group.

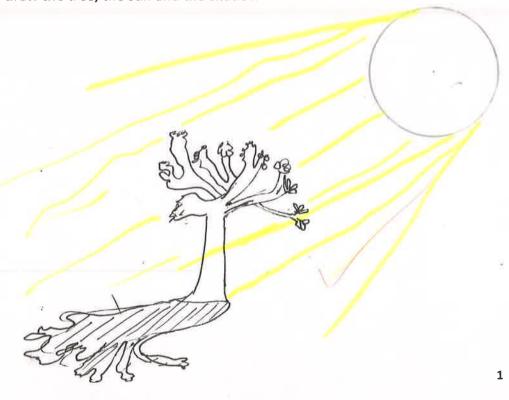
1. Why we see the sun seems much bigger and brighter than any other star?因為它是離地球最近

2. How long has it been shining in space? 4.5億年

3. How many planets the size of our earth can fit inside the sun?

Notes; 因為它離地球最近			
2.4.5億年		X =	
小300.000個點	. /		

#### **Thinking**



SB Class 8 Number Name: 本料 [an

# Observing the sun-A planet that glows and heats

#### Warmer

- 1. What do think of the sun? hat
- 2. What can you make by playing shadow games? dog bird, spider
- 3. The relationship between of sun position and shadow? When the sun is higher then the

Earth distance surface to temperature age mass of

- 1. The Mass of the sun is 333 thousand times the Mass of Farth.
- 2. The temperature of the sun's surface is 5,500 degrees °C
- 3. The age of the sun is 4.5 billion years.
- 4. The mass from the sun to the earth is 150 million kilometers.

#### Content

Watch a video of <u>The Sun</u> (3:35) and discuss the following questions in a small group.

- 1. Why we see the sun seems much bigger and brighter than any other star?
- 2. How long has it been shining in space?
- 3. How many planets the size of our earth can fit inside the sun?

Notes: The other	Star Ts much	Parther than	n the sun
45 bi on years,	7.		
1300,000 10015			

#### Thinking

4、涿

#### Warmer

- 1. What do think of the sun? So lot,
- 2. What can you make by playing shadow games? Shall
- 3. The relationship between of sun position and shadow?

高度角越高影子越短

Language	0 A	LI DIE	
Earth	distance /	surface	TL A
temperature £	Æ age	mass	1 省重
1. The Mass of	the sun is 333 thous	and times the <u>moss</u> o	of Earling.
2. The tempera	ture of the sun's	turface is 5,500 de	egrees °C

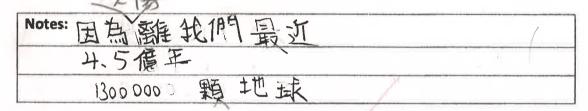
3. The age of the sun is 4.5 billion years.

4. The distance from the sun to the earth is 150 million kilometers.

#### Content

Watch a video of <u>The Sun</u> (3:35) and discuss the following questions in a small group.

- 1. Why we see the sun seems much bigger and brighter than any other star?
- 2. How long has it been shining in space?
- 3. How many planets the size of our earth can fit inside the sun?



#### **Thinking**

