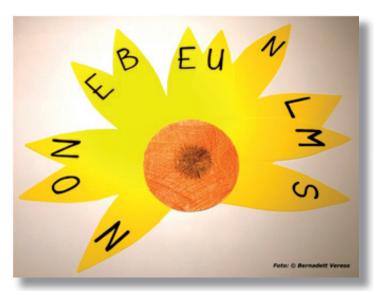
Faculty: *Nature* (Natur)

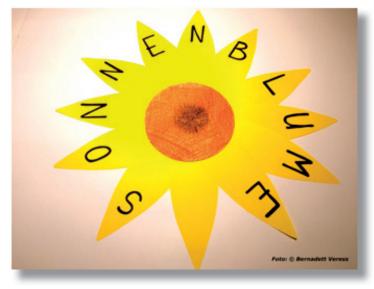
Lecture: Sunflowers (Sonnenblumen)



### **Assembling a sunflower** (eine Sonnenblume basteln)







Faculty: Nature (Natur)

Lecture: Sunflowers (Sonnenblumen)



Word cards The parts of a sunflower (Teile der Sonnenblume)



## the flower head



## yellow ray florets



### brown disk florets



### the stem



### the roots



### the leaf

Faculty: Nature (Natur)

Lecture: Sunflowers (Sonnenblumen)



**Word cards** *Cardinal directions* (Himmelsrichtungen)



# **East**



## West



## North



## South

Faculty: Nature (Natur)

Lecture: Sunflowers (Sonnenblumen)



**Worksheet** *How do young sunflowers follow the sun?* (Wie verfolgen die jungen Sonnenblumen den Lauf der Sonne?)

Put in the correct order.

#### 1. In the morning...



A ...the plant straightens itself up.

#### 2. In the evening...



**B**...the plant turns toward the east.

### 3. At night...



...the plant turns toward the west. Faculty: Nature (Natur)

Lecture: Sunflowers (Sonnenblumen)



**Answer key** *How do young sunflowers follow the sun?* (Wie verfolgen die jungen Sonnenblumen den Lauf der Sonne?)

Put in the correct order.

#### 1. In the morning...



B ...the plant turns toward the east.

#### 2. In the evening...



...the plant turns toward the west.

### 3. At night...



...the plant straightens itself up.

Faculty: Nature (Natur)

Lecture: Sunflowers (Sonnenblumen)



Worksheet Do sunflowers turn toward the sun? (Drehen sich Sonnenblumen nach der Sonne?)

Underline the correct word.

In the morning the sunflowers look in one direction, toward the east, where the sun rises/ sets.

The flower heads move/do not move.

Young sunflowers always turn toward the sun/the east.

In the evening the sunflowers face the sunset/sunrise.

At night/at midnight the young sunflowers straighten themselves up again.

photo: Cornerstone / pixelio.de

Faculty: Nature (Natur)

Lecture: Sunflowers (Sonnenblumen)



**Answer key** *Do sunflowers turn toward the sun?* (Drehen sich Sonnenblumen nach der Sonne?)

Underline the correct word.

In the morning the sunflowers look in one direction, toward the east, where the sun <u>rises</u>/ sets.

The flower heads move/do not move.

Young sunflowers always turn toward the sun/the east.

In the evening the sunflowers face the sunset/sunrise.

At night/at midnight the young sunflowers straighten themselves up again.

photo: Cornerstone / pixelio.de

Faculty: *Nature* (Natur)

Lecture: Sunflowers (Sonnenblumen)



### Now I know (Ich kann schon) questionnaire for the Sunflowers (Sonnenblumen) lecture

Lecture Sunflowers	How I see myself:		How my teacher sees me:	
	I know this.	I still need to work on this.	You know this.	You still need to work on this.
I can understand a short (technical) film on the topic of Sunflowers.				
I can names the parts of a sunflower.				
I know which sunflowers turn toward the sun.				
I can name the four cardinal directions.				
I can explain using clear language how young sunflowers turn toward the sun.				
I can do a performance in a group of how the young sunflowers move.				
I can read a short text on the topic and mark the correct sentences.				
I know important words/expressions on the topic.				
I can understand game instructions and actively take part in a game.				
I can understand and follow instructions.				
I can work successfully with others.				