

Pre-knowledge:

- months of the year
- ordinal numbers
- difference between stars and planets
- Story of Orion the Hunter (in German) and constellation picture

| | ACTIVITIES | SKILLS | TIME | INTER. | MATERIALS |
|-----|---|---|------|-----------------------------|--|
| 1st | Constellations and zodiac signs | | | | |
| | Warming up Song: Twinkle, twinkle little star | singing | 2 | class work | song |
| | T shows constellation of Orion on the overhead projector, P recognize the constellation, tell what they remember about the story (in German) T: You can see Orion in winter. It is a winter constellation. → word card “constellation” on the board | activation of pre-knowledge talking | 3 | class work | constellation pattern of Orion blackboard word card “constellation” |
| | T You can see Orion in winter. Here is the night sky in January. Can you find Orion? P read out more constellations, find the matching English word card on the board, read out the English name | talking reading matching | 5 | class work | transparency of night sky in January (internet) (Constellation names in German) word cards blackboard |
| | T: Now we have lots of word cards at the board. Can you sort them? Talk to your neighbour about your ideas. P tell the class about their ideas (are supposed the find out the zodiac signs) T: There are 88 constellations, 12 of them are also zodiac signs (translation into German) → word card “zodiac sign” on the board | talking listening sharing ideas (think – pair - share) | 5 | pair work class work | word cards on the board |

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| | <p>T: Here are the 12 zodiac signs. Find out your zodiac sign. P get info sheet about zodiac signs, get time to look at it and talk about it with their neighbours; find out that there are Latin names, too</p> <p>P tell the class what their own zodiac sign is</p> | <p>reading</p> <p>talking</p> | 5 | <p>ind. work</p> <p>pair talk</p> <p>class talk</p> | info_sheet |
| | <p>T: My birthday is on July 27th. What's my zodiac sign? Yes, it is Leo or Lion. It is from July 23rd to August 23rd. On my birthday the sun stands before the Lion, we say: the Lion is in the daytime sky (word card on the board). When a constellation is in the daytime sky, we can't see it. But we can see it 6 months later. Then the Lion is in the night sky.</p> <p>T counts 6 months, beginning with August. When can I see the Lion?</p> <p>P count aloud with teacher.</p> <p>P: We can see it from February on</p> <p>T fills in the sheet "My zodiac sign" on the transparency .</p> | <p>listening</p> <p>speaking</p> | 10 | <p>class talk</p> | <p>transparency "The twelve zodiac signs"</p> <p>blackboard : daytime sky night sky</p> <p>transparency "My zodiac sign"</p> |
| | <p>P fill in the sheets for their own zodiac signs.</p> <p>T helps if necessary</p> | <p>reading</p> <p>writing</p> | 10 | ind. work | worksheets "My zodiac sign" transparency with example |
| | P read out what they have written | <p>listening</p> <p>speaking</p> <p>reading</p> | 5 | class work | worksheet |
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| 2nd | Making a Constellation Viewer | | | | |
| | T shows already built viewer for his/her zodiac sign: Here is the constellation pattern of Leo, the Lion. P find out what they need to build a viewer T shows the materials and tools | listening speaking observing | 10 | class talk | constellation viewer zodiac signs (pictures) blackboard materials, tools |
| | P get instruction sheet, read it on their own | reading | 5 | ind. work | instruction sheet "Make a constellation viewer" |
| | P tell the class how to build the constellation viewer, put the pictures in the right order at the board Start working | speaking sorting cutting gluing | 30 | class talk ind. work | enlarged picture cards (see instruction sheet) instruction sheet blackboard materials, tools (see instruction sheet) zodiac signs (pictures) |
| | Further activities: <ul style="list-style-type: none"> – Making more constellation viewers with zodiac signs (as birthday presents for parents, friends ...) – Creating their own constellation patterns, let their classmates guess what they show – Learning about Big Dipper, North Star (Reading/Listening comprehension) – Drawing constellation patterns with yellow wax crayons on black cardboard – Making constellation pictures on black/blue cardboard by punching holes for the "stars". Glue them on yellow cardboard. The holes appear yellow and show a constellation pattern. (see Material) | | | | |

