



LESSON PLAN

Theme 9: 3D Printing (3D-Druck) - Session 2 (of 3)

Tipps and Tricks for your Club Session

Lesson resources for 3D Printing are here:

<https://kinderuni.goethe.de/mod/videoscore/view.php?id=5949>

- Watch the relevant video before the lesson:
<https://kinderuni.goethe.de/mod/videoscore/view.php?id=5949>
- Practise the key vocabulary before the session:
<https://kinderuni.goethe.de/mod/page/view.php?id=4490>

Objective

The learners can describe objects with a range of adjectives.

German Words/Phrases Learning Goals

- | | |
|----------------------------|-------------------|
| • der 3D-Druck | 3D printing |
| • der digitale Fußabdruck | digital footprint |
| • das Auto | the car |
| • das Fahrrad | the bicycle |
| • das Boot | the boat |
| • das Pferd | the horse |
| • langsam | slow |
| • schnell | quick |
| • groß | big |
| • klein | small |
| • neu | new |
| • alt | old |
| • Ist es XXX? | Is it XXX? |
| • Ja. | Yes. |
| • Nein. | No. |
| • Das ist ein/eine XXX. | This is a XXX. |
| • Der/die/das XXX ist XXX. | The XXX is XXX. |

Materials

- Interactive whiteboard with internet access and audio
- Toy cars
- Whiteboard markers/chalk
- Magnets / sticky tack
- Group formation (Gruppenfindung) image cards
- Describing objects (Gegenstände beschreiben) image cards
- Colour word cards from Theme 3 (optional)
- Plain paper and colours, one for each learner.
- Writing implements
- "My word bank sheet: 3D Printer (3D Druck)"

Time	Social Form	Learning Objective	Content	Materials	Phrases and Gestures
2 mins	Whole group	The learners are able to greet each other in German.	<p>Leaders and learners greet each other with German greeting words learnt previously.</p> <p>They move around the room, greeting as many people as possible. Leaders should be addressed as "Herr XXX" or "Frau XXX" to practise using those terms.</p>		<p>Hallo. - Hello.</p> <p>Guten Morgen. - Good morning.</p> <p>Guten Tag. - Good day.</p> <p>Learners could shake hands when greeting each other.</p>



Time	Social Form	Learning Objective	Content	Materials	Phrases and Gestures
3 mins	Whole group	The learners can understand adjectives in German.	<p>Warm up by playing the toy car game. This time the learners are responding to the leader calling out "schnell" or "langsam".</p> <p>Do an example for the learners.</p>	<ul style="list-style-type: none"> Toy cars 	<p>Wir spielen ein Spiel. - Let's play a game.</p> <p>Wir machen eine Bewegung zum Adjektiv. - Let's mime the adjective.</p> <p>Ich sage "schnell" und wir fahren schnell. - I say "quick" and you pretend to drive quickly. (<i>Miming driving quickly.</i>)</p> <p>Ich sage "langsam" und wir fahren langsam. - I say "slow" and you pretend to drive slowly. (<i>Miming driving slowly.</i>)</p>
2 mins	Whole group	The learners can recall adjectives previously learnt.	<p>The leader reminds the learners that Christoph had a toy car in the previous session, but he was not happy with the car.</p> <p>Discuss: Can you think of any German words you already know to describe the car? Answer: red (rot), small (klein)</p> <p>Write the adjectives on the board.</p>	<ul style="list-style-type: none"> Whiteboard markers/chalk 	<p>Zuhören bitte. - Listen carefully.</p> <p>Wir diskutieren. - Let's discuss.</p> <p>Christoph hatte ein Auto. - Christoph had a car.</p> <p>Wie ist das Auto? - What is the car like?</p> <p>Ja. Das Auto ist rot und klein. - Yes, the car is small and red.</p>
8 mins	Whole group	The children can describe objects in German.	To form groups for the next activity, the leader passes out small picture cards to the children (4 picture cards show the same object). The leader invites the learners to stand up and find the other	<ul style="list-style-type: none"> Interactive whiteboard with internet access and audio Whiteboard markers/chalk Magnets 	Findet einen Partner mit dem gleichen Bild. – Find a partner with the same image.



Time	Social Form	Learning Objective	Content	Materials	Phrases and Gestures
			<p>learners with a picture card of the same object.</p> <p>The leader hands out an 11 x 17 poster with a bigger picture of their object to each group. Then the leader asks the learners to find German adjectives to describe their object and to write them on the poster. The learners can ask the leader for help. Remember the colours they have previously learnt as well.</p> <p>After 4 minutes the leader asks the learners to stop writing and to gather around the board. The learners put their posters on the board and each group describes their objects.</p>	<ul style="list-style-type: none"> Group formation (Gruppenfindung) image cards Describing objects (Gegenstände beschreiben) image cards 	<p>Wir finden Adjektive. - Let's find adjectives.</p> <p>Wir beschreibendas Bild. – Let's describe the image.</p> <p>Das Fahrrad ist.... – The bicycle is....</p>
5 mins	In pairs	The children can describe objects in German.	<p>The leader tells the learners that they are going to play a game in pairs using the adjectives.</p> <p>The learners have to guess which image their partner is thinking about by asking questions using adjectives. Then they swap.</p> <p>Provide the sentence starters as follows:</p> <ul style="list-style-type: none"> Ist es XXX? – Is it XXX? Ja / Nein. – Yes / No. <p>Do an example for the learners.</p>	<ul style="list-style-type: none"> Interactive whiteboard with internet access and audio Whiteboard markers Magnets Describing objects (Gegenstände beschreiben) image cards 	<p>Zuhören bitte. - Listen carefully.</p> <p>Wir arbeiten in Paaren. - Let's work in pairs.</p> <p>Welches Objekt ist es? -Which object is it?</p> <p>Wir raten. - Let's guess.</p> <p>Ein Beispiel. - One example.</p> <p>Ist es groß? - Is it big?</p> <p>Ja. - Yes.</p> <p>Ist es weiß? - Is it white?</p>



Time	Social Form	Learning Objective	Content	Materials	Phrases and Gestures
					<p>Ist es das Pferd? - Is it the horse?</p> <p>Ja! – Yes.</p>
8 mins	Individual work, group work	The children can describe objects in German. They can present their work in German.	<p>The leader invites the learners to think about an object they would like to print in a 3D printer and to draw it on a piece of paper.</p> <p>The leader helps the learners find the German name of their object. Once they finish their drawings, the children find German adjectives that describe their objects. The leader helps the children find adjectives.</p> <p>To present their results, the learners get back into their groups from the previous activity. They describe their drawings to the other group members.</p> <p>Do an example for the learners, before they begin.</p>	<ul style="list-style-type: none"> • Plain paper and colours, one for each learner. • Writing implements 	<p>Wir arbeiten allein. - Let's work alone.</p> <p>Wir zeichnen und beschreiben ein Objekt. - Let's draw and describe an object.</p> <p>Wir schreiben mindestens zwei Sätze auf Deutsch. - Let's write at least 2 sentences in German.</p> <p>Ein Beispiel. - One example.</p> <p>Das ist ein/eine XXX.- This is a XXX.</p> <p>Der/die/das XXX ist XXX und XXX. – The XXX is XXX and XXX.</p>
2 mins	Whole group	The learners can say goodbye in German.	<p>The leader recaps what the learners have achieved in the session and congratulates them on their work.</p> <p>The leader encourages the learners to repeat the German words from the lesson. Each learner then fills out "My word bank sheet: 3D Printer"</p>	<ul style="list-style-type: none"> • "My word bank sheet: 3D Printer (3D Druck)" 	<p>Toll gemacht. - Well done!</p> <p>The learners take part in the club's goodbye ritual.</p> <p>Tschüss. - Goodbye.</p> <p>Learners can also say goodbye to Frau Schlau and Herr Einstein.</p>



Time	Social Form	Learning Objective	Content	Materials	Phrases and Gestures
			<p>(3D Druck)“ and writes down the German words and chunks they learned in today’s lesson.</p> <p>The learners leave the session saying goodbye in German.</p>		