

## Appendix

# 1 Appendix

## Appendix A

**Table A1**

*Unfamiliar Object Stimuli*

Picture	ID	Matching keywords	Non-matching keywords
	1	elektrische Spannung, prüfen [electric current, measuring]	Makkaroni, formen [macaroni, forming]
	2	Makkaroni, formen [macaroni, forming]	Kuh, vom Zaun abhalten [cow, keeping away from the fence]
	3	Knochen, sägen [bones, sawing]	Streckenmaß, Sonnenlicht nutzen [distance measure, using sunrays]
	4	Unkraut, jäten [weed, removing]	Uhr, mit Wärme betreiben [clock, operating with heat]
	5	Mausefalle, zuschnappen [mousetrap, snap-shutting]	Brillenglas, zuschneiden [eyeglass lense, cutting]
	6	Goldmünzen, wiegen [gold coin, weighing]	Farbe, vom Fenster abschleifen [paint, scraping off the window]
	7	Knie, fixieren [knee, fixating]	Buchstaben, tippen [letter, typing]
	8	Eierkarton, pressen [egg carton, pressing]	Tabak, zermahlen [tobacco, pulverize]
	9	Baum, erklettern [tree, climbing]	Rotation, Ladung erzeugen [rotation, creating electric charge]
	10	Buchstaben, tippen [letter, typing]	Pferdehuf, Halt geben [horse hoof, giving grip]
	11	Akkordeon, spielen [accordion, playing]	Seil, schneiden [rope, cutting]

Table A1 continued







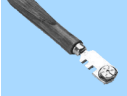
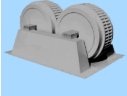




Picture	ID	Matching keywords	Non-matching keywords
	12	Körper, trainieren [body, training]	Buch, offen halten [book, binding]
	13	Farbe, vom Fenster abschleifen [paint, scraping off the window]	von Hand, zentrifugieren [by hand, centrifugating]
	14	Außenbereich, heizen [outdoor area, heating]	Rasierklinge, schärfen [razor blade, sharpening]
	15	Pflanzenteile, vergrößern [plant parts, magnifying]	Katzenklo, sich selbst reinigen [litter box, self-cleaning]
	16	Krawatten, aufhängen [necktie, hanging up]	Zeichnungen, vermessen [drawings, measuring]
	17	Schallplatte, abtasten [vinyl record, reading]	Ball, katapultieren [ball, catapulting]
	18	Glas, schneiden [glass, cutting]	Eier, wiegen [eggs, weighing]
	19	Briketts, pressen [briquette, pressing]	Narkosemittel, abgeben [anesthetic, administering]
	20	Orgelton, erzeugen [organ sound, making]	Bandage, rollen [bandage, rolling]
	21	Spannung, erzeugen [electric current, making]	Fußstütze, reiten [footrest, horseback riding]
	22	Narkosemittel, abgeben [anesthetic, administering]	Nüsse, aufbrechen [nuts, cracking]
	23	Bandage, rollen [bandage, rolling]	Schnee, rodeln [snow, sleighing]

Table A1 continued

Picture	ID	Matching keywords	Non-matching keywords
	24	Weinfass, Loch einschlagen [wine barrel, smashing a hole]	Tier, einfangen [animal, trapping]
	25	Flaschenkorken, einführen [bottle cork, inserting]	Pferd, im Moor laufen [horse, walking in the moor]
	26	Automat, Eier ausbrüten [machine, incubating eggs]	Windgeschwindigkeit, messen [wind speed, measuring]
	27	Korngarbe, greifen [sheaf, grabbing]	Treibhaus, heizen [glass house, heating]
	28	Brief, wiegen [letter, weighing]	Korngarbe, greifen [sheaf, grabbing]
	29	Löcher, bohren [hole, drilling]	Sonnenlicht, Intensität messen [sunlight, measure intensity]
	30	Angelschnur, kurbeln [fishing line, winding]	Glaskörper, musizieren [glass body, making music]
	31	Kurven, malen [curve, drawing]	Nussöl, pressen [nut oil, pressing]
	32	Radiofrequenz, einstellen [radio frequency, tuning]	Erektion, helfen [erection, helping]
	33	Zäpfchen, pressen [suppository, pressing]	Unkraut, jäten [weed, removing]
	34	Fass, öffnen [barrel, opening]	Pflanzenteile, vergrößern [plant parts, magnifying]
	35	Bergbaustollen, beleuchten [mining tunnel, lightening]	Knie, fixieren [knee, fixating]

Table A1 continued


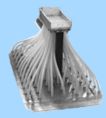


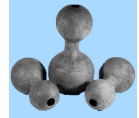

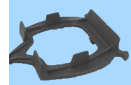





Picture	ID	Matching keywords	Non-matching keywords
	36	Kuh, vom Zaun abhalten [cow, keeping away from the fence]	Radiofrequenz, einstellen [radio frequency, tuning]
	37	Saatgut, gleichmäßig aussäen [seeds, sowing evenly]	Fass, öffnen [barrel, opening]
	38	Flaschen, trocknen [bottles, drying]	Bleistift, anspitzen [pencil, sharpening]
	39	Uhr, mit Wärme betreiben [clock, operating with heat]	Körper, untersuchen [body, training]
	40	Tonpott, trommeln [clay pot, drumming]	Piano, stimmen [piano, tuning]
	41	Sprengstoffexplosion, auslösen [dynamite explosion, triggering]	Fisch, wiegen [fish, weighing]
	42	Pferdehuf, Halt geben [horse hoof, giving grip]	Zäpfchen, pressen [suppository, pressing]
	43	Bleistift, anspitzen [pencil, sharpening]	Angel, Köder markieren [fishing rod, marking bait]
	44	Nussöl, pressen [nut oil, pressing]	Zeichen, einbrennen [marks, burning in]
	45	Rasierklinge, schärfen [razor blade, sharpening]	Kurven, malen [curve, drawing]
	46	heiße Platten, anheben [hot plates, lifting]	Kleidung, im Eimer waschen [clothes, washing in a bucket]
	47	Film, aufspulen [film roll, winding]	Mund, offen halten [mouth, keeping open]

Table A1 continued













Picture	ID	Matching keywords	Non-matching keywords
	48	Waffe, entflammen [weapon, inflaming]	Uhrzeit, anzeigen [time, displaying]
	49	Mikroskop-Proben, schneiden [microscopic samples, slicing]	heiße Platten, anheben [hot plates, lifting]
	50	Glaskörper, musizieren [glass body, making music]	Kork, flach pressen [cork, pressing flat]
	51	Dampf, zerstäuben [steam, spraying]	Buch, binden [book, opening]
	52	Mandeln, operieren [kidneys, operating]	Film, aufspulen [film roll, winding]
	53	Toastbrot, rösten [toast, roasting]	Autobatterie, Spannung testen [car battery, measuring voltage]
	54	Fußstütze, reiten [footrest, horseback riding]	Stromstärke, messen [current, measuring]
	55	Türgelenk, Feuer überstehen [door hinge, surviving fires]	Botschaft, telegrafieren [message, telegraphing]
	56	Schnee, rodeln [snow, sleighing]	Dampf, zerstäuben [steam, spraying]
	57	Nüsse, aufbrechen [nuts, cracking]	Ziegelsteine, formen [bricks, forming]
	58	Radiergummi, mit Strom betreiben [eraser, operating with electricity]	Münzen, aufbewahren [coins, storing]
	59	Treibhaus, heizen [glass house, heating]	Messer, schleifen [knife, sharpening]

Table A1 continued




Picture	ID	Matching keywords	Non-matching keywords
	60	Botschaft, telegrafieren [message, telegraphing]	Toastbrot, rösten [toast, roasting]
	61	Angel, Köder markieren [fishing rod, marking bait]	Baum, erklettern [tree, climbing]
	62	Katzenklo, sich selbst reinigen [litter box, self-cleaning]	Tankfüllstand, messen [fuel tank level, gauging]
	63	Körper, untersuchen [body, examining]	Schuhe, auf Eis laufen [shoes, walking on ice]
	64	Brillenglas, zuschneiden [eyeglass lense, cutting]	Saatgut, gleichmäßig aussäen [seeds, sowing evenly]
	65	Draht, wickeln [wire, winding]	Bergbaustollen, beleuchten [mining tunnel, lightening]
	66	Buch, offen halten [book, opening]	Sprengstoffexplosion, auslösen [dynamite explosion, triggering]
	67	Feldanbau, häckseln [harvest, chopping]	Draht, wickeln [wire, winding]
	68	Schnurlot, absenken [plummet, letting down]	Korken, formen [bottle cork, forming]
	69	Sternenbilder, vermessen [stellar constellation, measuring]	Schnurlot, absenken [plummet, letting down]
	70	Nachricht, morsen [message, signalling]	Feldanbau, häckseln [harvest, chopping]
	71	Musikgerät, stampfen [musical instrument, stamping]	Goldmünzen, wiegen [gold coin, weighing]

Table A1 continued






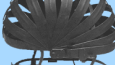





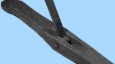
Picture	ID	Matching keywords	Non-matching keywords
	72	Schuhe, auf Eis laufen [shoes, walking on ice]	Geschwindigkeit, ermitteln [speed, determining]
	73	Geschwindigkeit, ermitteln [speed, determining]	Mausefalle, zuschnappen [mousetrap, snap-shutting]
	74	Zeichen, einbrennen [marks, burning in]	Luftdruck, messen [air pressure, measuring]
	75	Tabak, zermahlen [tobacco, pulverize]	Flaschen, trocknen [bottles, drying]
	76	Stromstärke, messen [current, measuring]	Mandeln, operieren [kidneys, operating]
	77	Tier, einfangen [animal, trapping]	Maiskolben, entkörnen [corn cob, removing grains]
	78	Messer, schleifen [knife, sharpening]	Schritte, vergrößern [steps, extending]
	79	Leierkasten, klingen [barrel organ, making sounds]	Fass, anheben [barrel, lifting]
	80	Buch, binden [book, binding]	Löcher, bohren [hole, drilling]
	81	Kork, flach pressen [cork, pressing flat]	Elektroschock, spielen [electric shock, playing]
	82	Tabletten, zerteilen [pill, splitting]	Blumentopf, sich selbst wässern [flower pot, self-watering]
	83	Fass, anheben [barrel, lifting]	Mikroskop-Proben, schneiden [microscopic samples, slicing]



Table A1 continued

Picture	ID	Matching keywords	Non-matching keywords
	84	Pferd, im Moor laufen [horse, walking in the moor]	Luft, abpumpen [air, pumping out]
	85	altes Ritual, hacken [ancient ritual, chopping]	Spannung, erzeugen [electric current, making]
	86	Kleidung, im Eimer waschen [clothes, washing in a bucket]	Türgelenk, Feuer überstehen [door hinge, surviving fires]
	87	Maiskolben, entkörnen [corn cob, removing grains]	Brief, wiegen [letter, weighing]
	88	Ball, katapultieren [ball, catapulting]	Radiergummi, mit Strom betreiben [eraser, operating with electricity]
	89	Zeichnungen, vermessen [drawings, measuring]	Brenner, löten [burner, soldering]
	90	Elektroschock, spielen [electric shock, playing]	Weinfass, Loch einschlagen [wine barrel, smashing a hole]
	91	Lieferungen, abzählen [deliveries, counting]	Außenbereich, heizen [outdoor area, heating]
	92	Rotation, Ladung erzeugen [rotation, creating electric charge]	Musikgerät, stampfen [musical instrument, stamping]
	93	Herz, durch Maschine ersetzen [heart, replacing with machine]	Kerzen, löschen [candles, extinguishing]
	94	Seil, schneiden [rope, cutting]	Akkordeon, spielen [accordion, playing]
	95	Fisch, wiegen [fish, weighing]	Herz, durch Maschine ersetzen [heart, replacing with machine]

Table A1 continued

Picture	ID	Matching keywords	Non-matching keywords
	96	Kerzen, löschen [candles, extinguishing]	Körper, trainieren [body, examining]
	97	Korken, formen [bottle cork, forming]	Sternenbilder, vermessen [stellar constellation, measuring]
	98	Erektion, helfen [erection, helping]	Waffe, werfen [weapon, throwing]
	99	Streckenmaß, Sonnenlicht nutzen [distance measure, using sunrays]	Kartoffeln, stampfen [potatoes, mashing]
	100	Luftdruck, messen [air pressure, measuring]	Knochen, sägen [bones, sawing]
	101	Piano, stimmen [piano, tuning]	Eierkarton, pressen [egg carton, pressing]
	102	von Hand, zentrifugieren [by hand, centrifugating]	Lieferungen, abzählen [deliveries, counting]
	103	Kartoffeln, stampfen [potatoes, mashing]	Nachricht, morsen [message, signalling]
	104	Waffe, werfen [weapon, throwing]	elektrische Spannung, prüfen [electric current, measuring]
	105	Tankfüllstand, messen [fuel tank level, gauging]	Tonpott, trommeln [clay pot, drumming]
	106	Uhrzeit, anzeigen [time, displaying]	altes Ritual, hacken [ancient ritual, chopping]
	107	Windgeschwindigkeit, messen [wind speed, measuring]	Waffe, entflammen [weapon, inflaming]

Table A1 continued



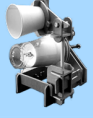
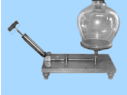








Picture	ID	Matching keywords	Non-matching keywords
	108	Schlüsselloch, stanzen [keyhole, punching]	Automat, Eier ausbrüten [machine, incubating eggs]
	109	Ziegelsteine, formen [bricks, forming]	Schallplatte, abtasten [vinyl record, reading]
	110	Becher, Schall auffangen [drinking cup, picking up sound]	Schlüsselloch, stanzen [keyhole, punching]
	111	Luft, abpumpen [air, pumping out]	Briketts, pressen [briquette, pressing]
	112	Mund, offen halten [mouth, keeping open]	Orgelton, erzeugen [organ sound, making]
	113	Autobatterie, Spannung testen [car battery, measuring voltage]	Becher, Schall auffangen [drinking cup, picking up sound]
	114	Sonnenlicht, Intensität messen [sunlight, measure intensity]	Krawatten, aufhängen [necktie, hanging up]
	115	Kutschrad, anschließen [carriage wheel, locking]	Angelschnur, kurbeln [fishing line, winding]
	116	Eier, wiegen [eggs, weighing]	Leierkasten, klingen [barrel organ, making sounds]
	117	Blumentopf, sich selbst wässern [flower pot, self-watering]	Glas, schneiden [glass, cutting]
	118	Schritte, vergrößern [steps, extending]	Tabletten, zerteilen [pill, splitting]
	119	Münzen, aufbewahren [coins, storing]	Kutschrad, anschließen [carriage wheel, locking]

Table A1 continued

Picture	ID	Matching keywords	Non-matching keywords
	120	Brenner, löten [burner, soldering]	Flaschenkorken einführen, einführen [bottle cork, inserting]