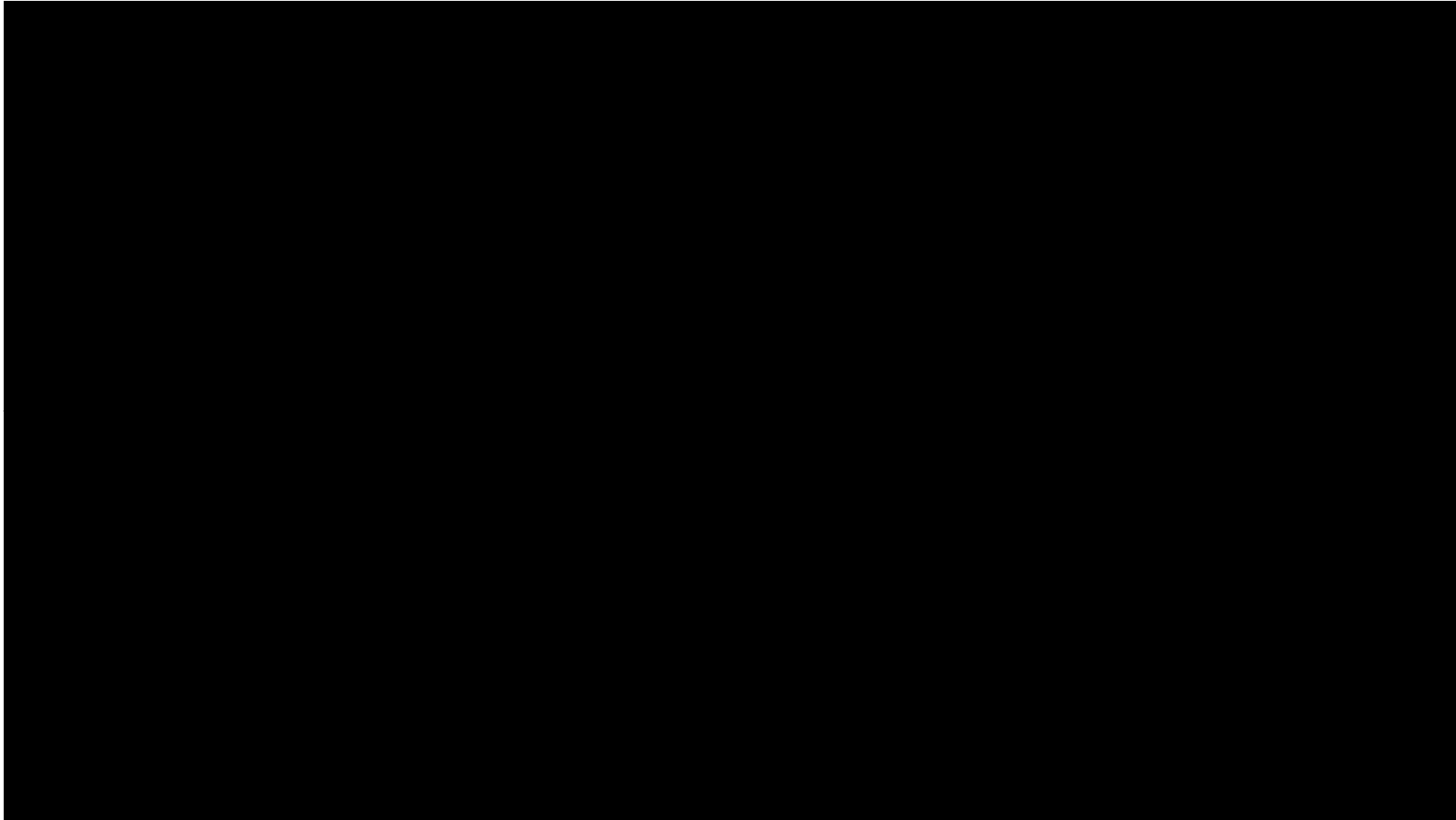




**Don't call it E-Learning.
Theories, Strategies and Services for Digital Media in Teaching and Learning**

Andreas Weich

Intro



Agenda

- State of Play
- Theories
- Strategies
- Services

State of Play

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„Digital teaching and learning“ (HFD)

„Tablets and smartphones conquer academic teaching and change the ways of academic mediation of knowledge.“ (BMBF)

„digital revolution“ (BMBF)

„a development of the university that is lead by digital media“ (DGfE)

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REACT S5 · E31
KIDS REACT TO WALKMANS (Portable Cassette Players)

14.017.514 Aufrufe

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„Strictly spoken, the objects of media studies are not individual media but medial configurations that have to be examined in respect to the spaces of possibilities that they constitute and the ways in which these possibilities are being actualized in medial constellations by medial practices.“

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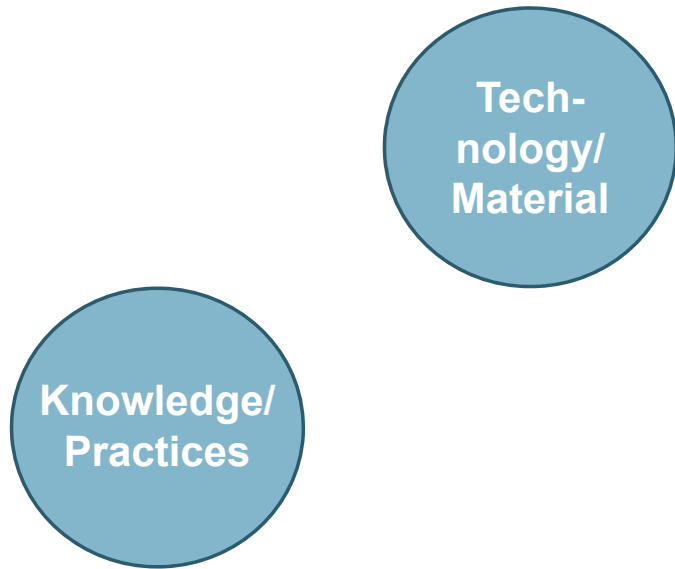
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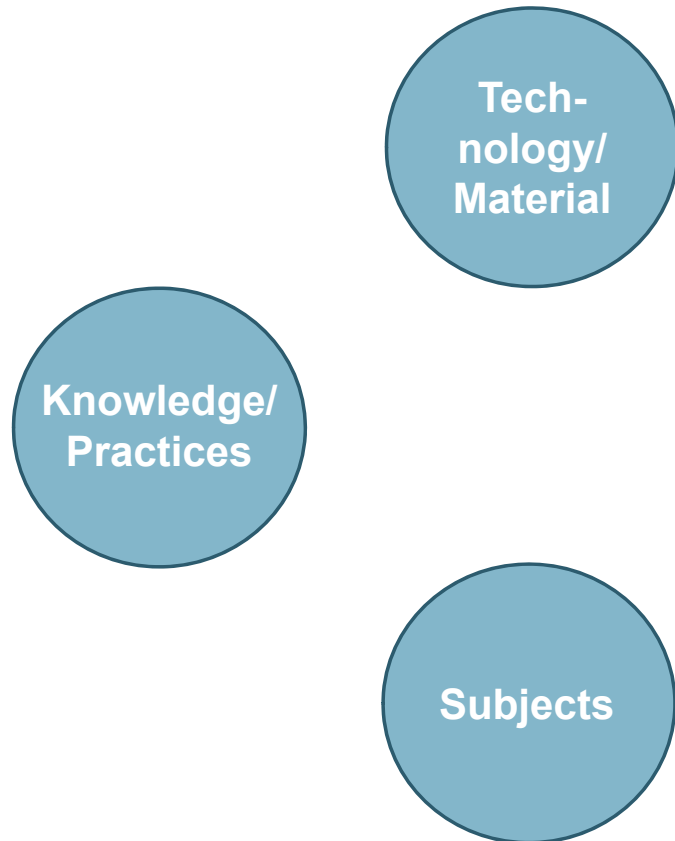


Tech-
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Material

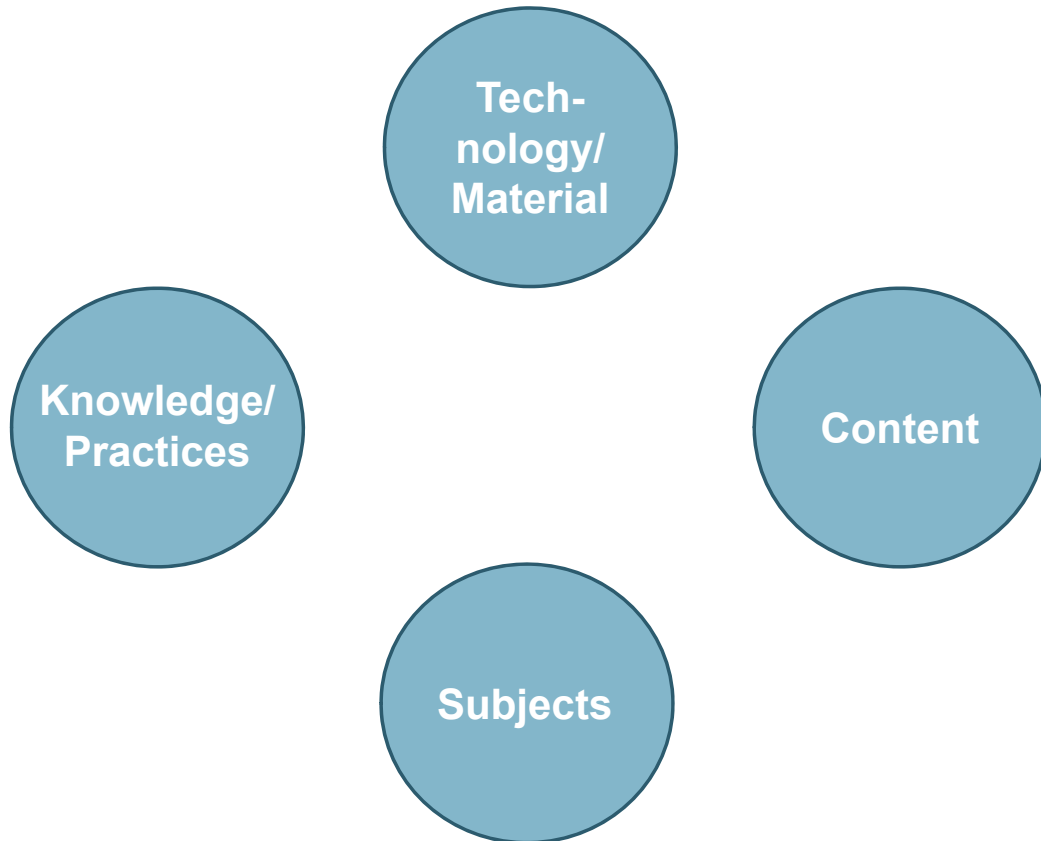
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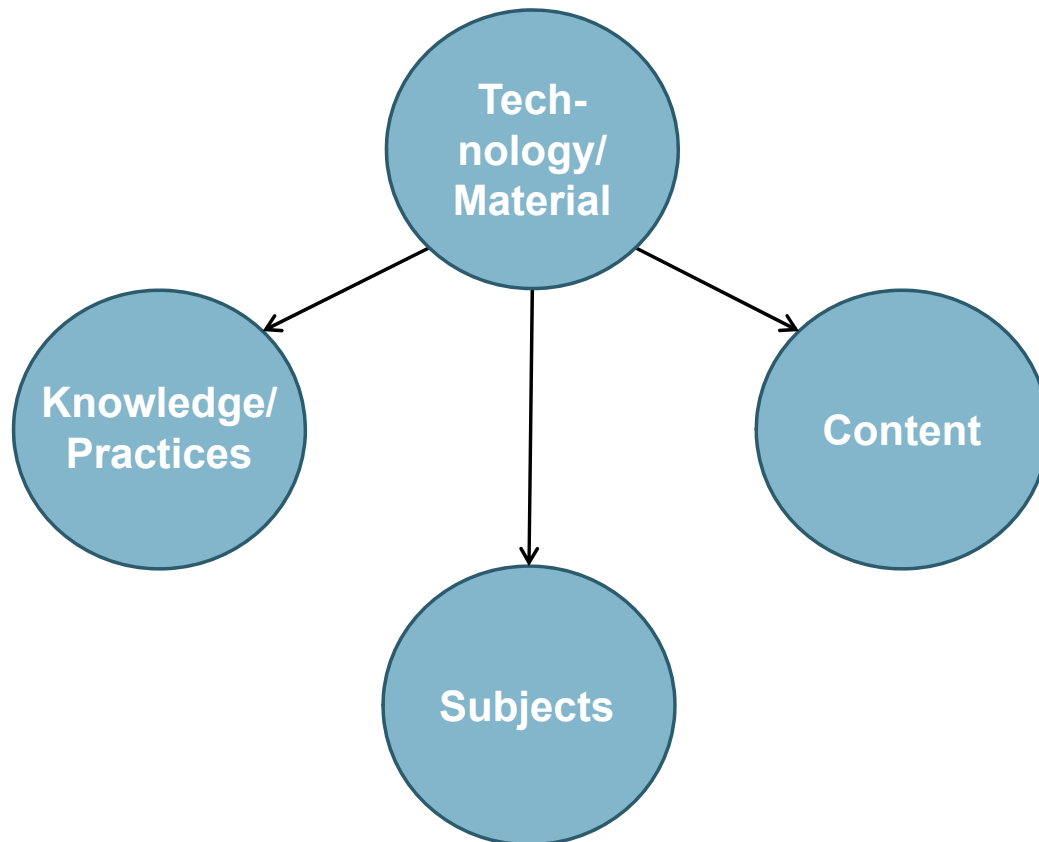
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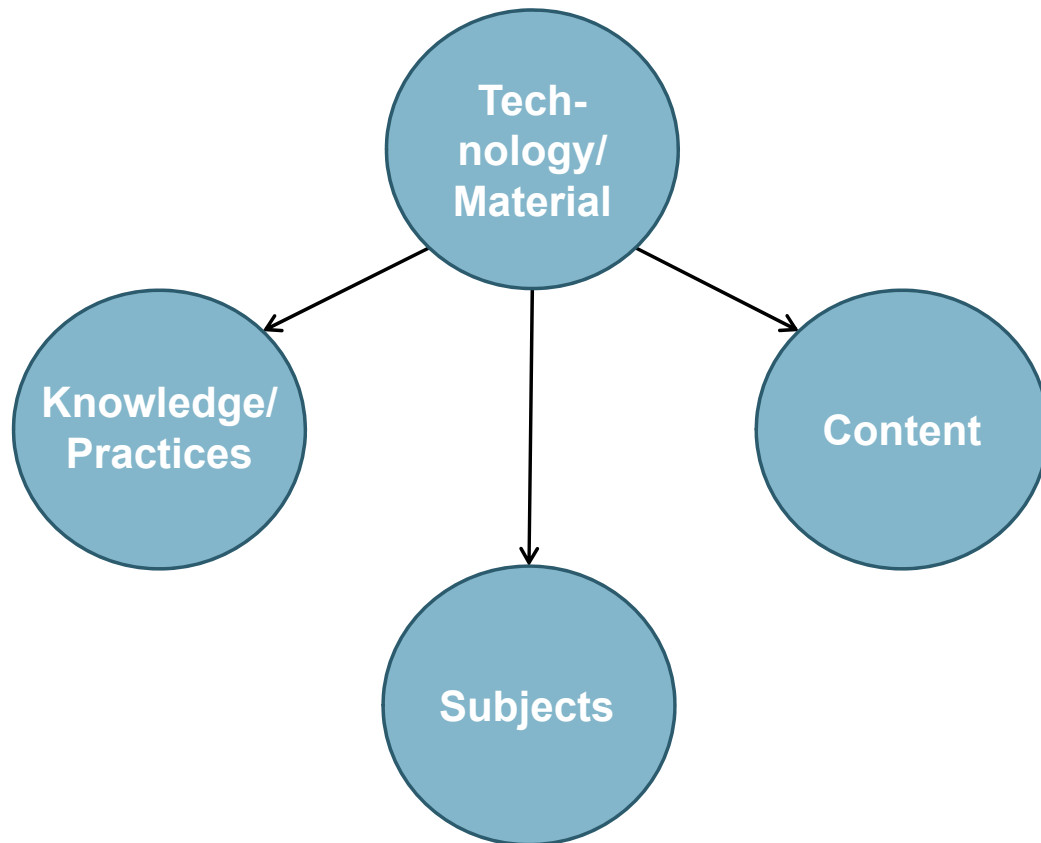
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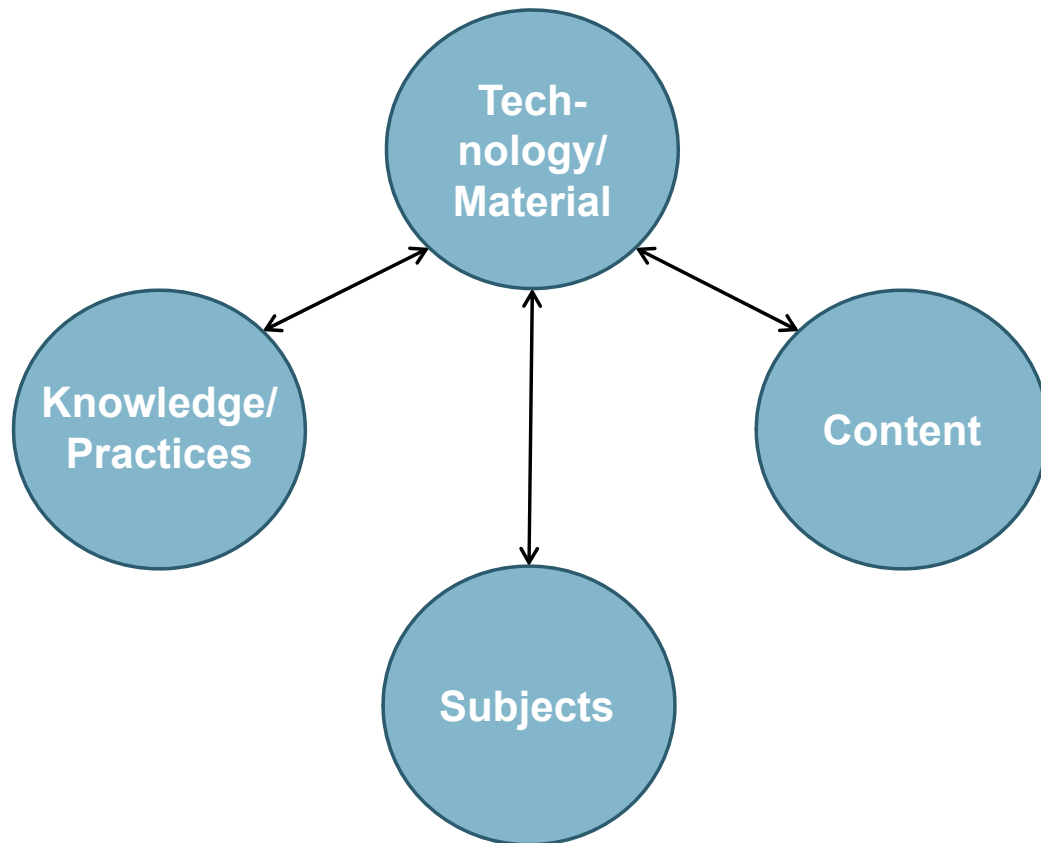


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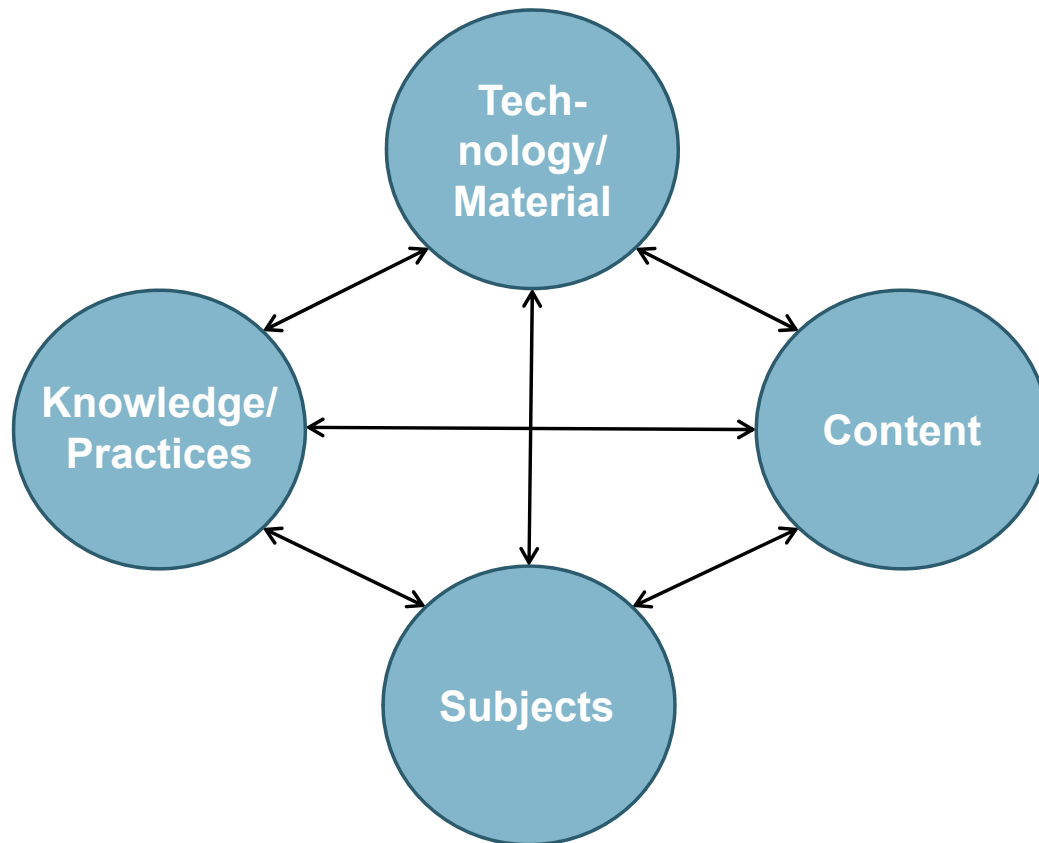


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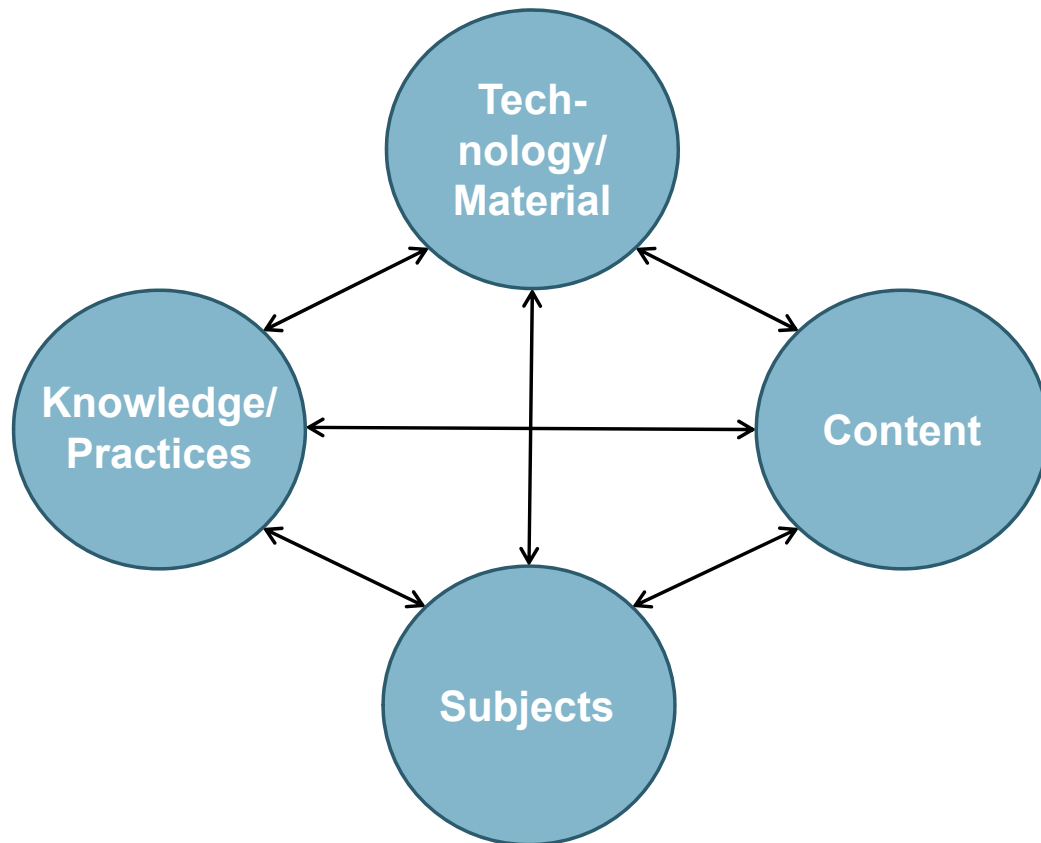


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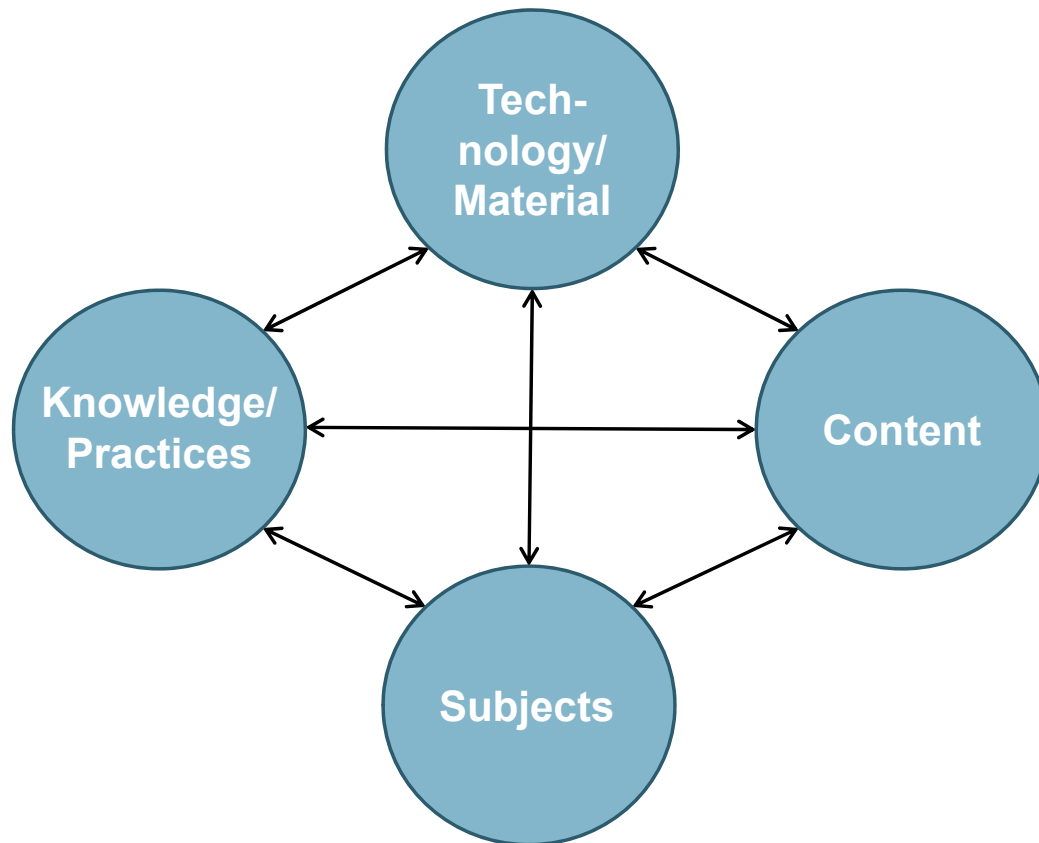
Theories



Media reflexion

- Which elements constitute a given media constellation?
- Which interplay between them can be analyzed?
- How can I evaluate the media constellation?
- How can I change the media constellation?

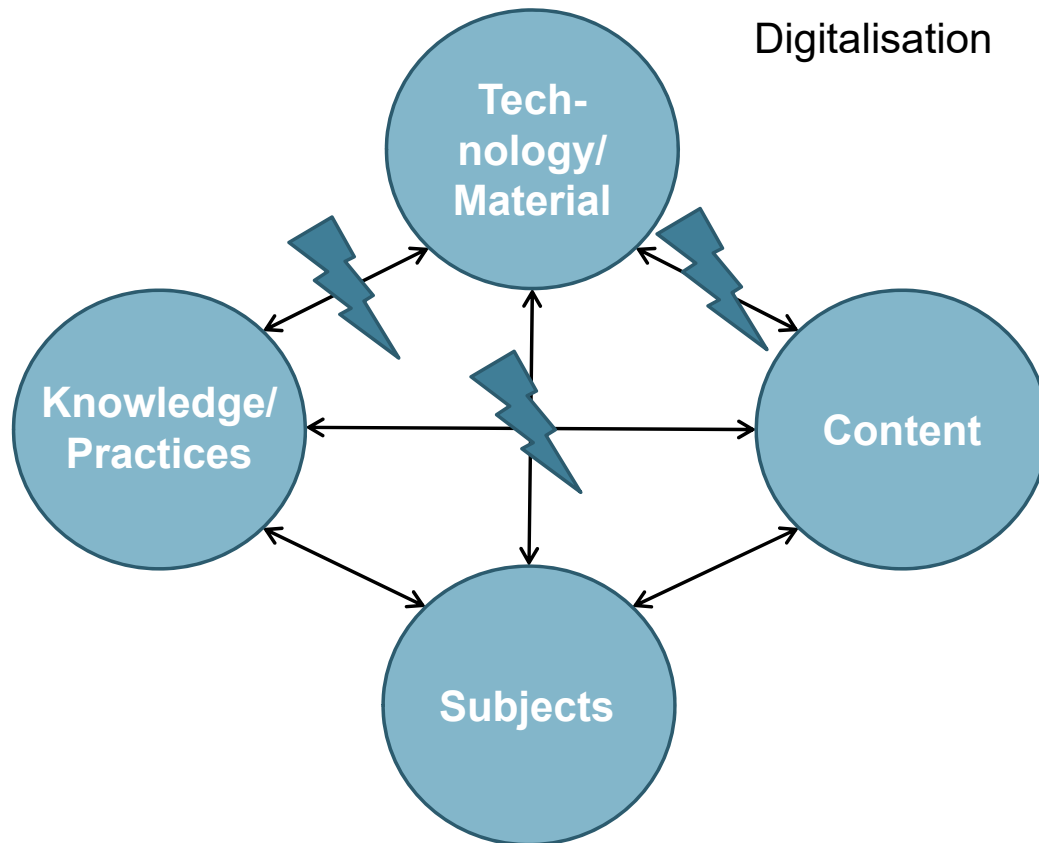
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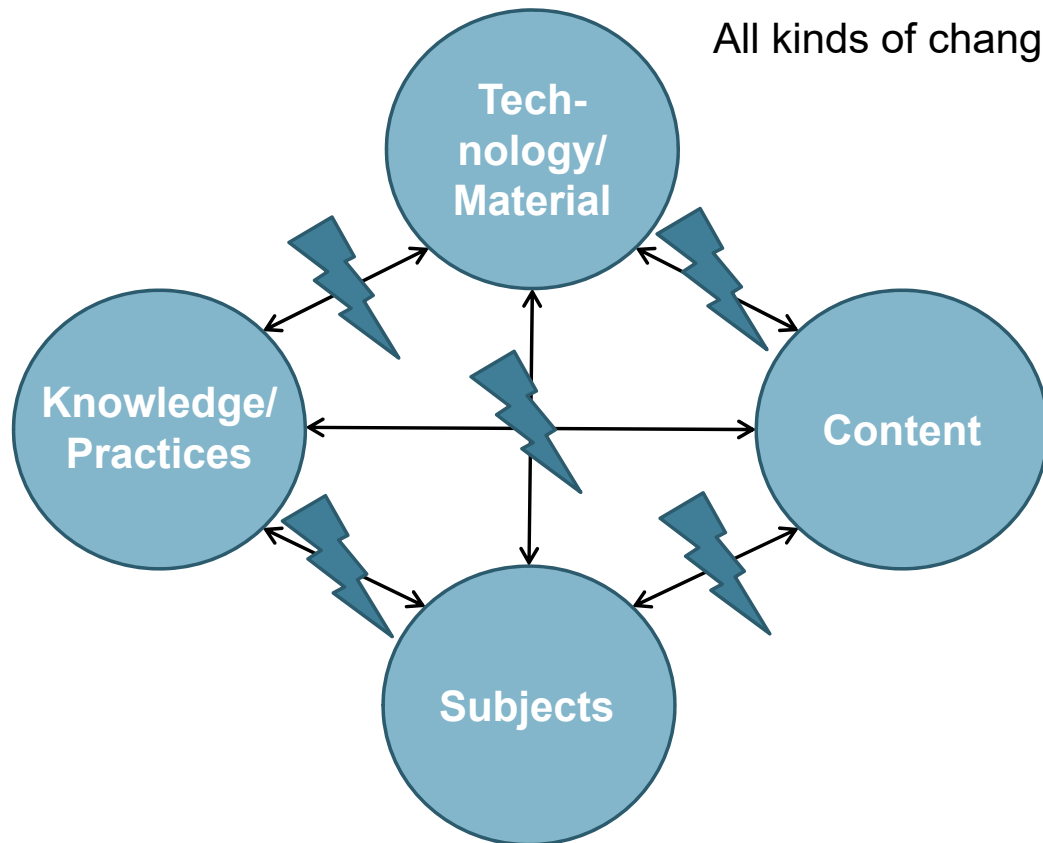
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All kinds of changes

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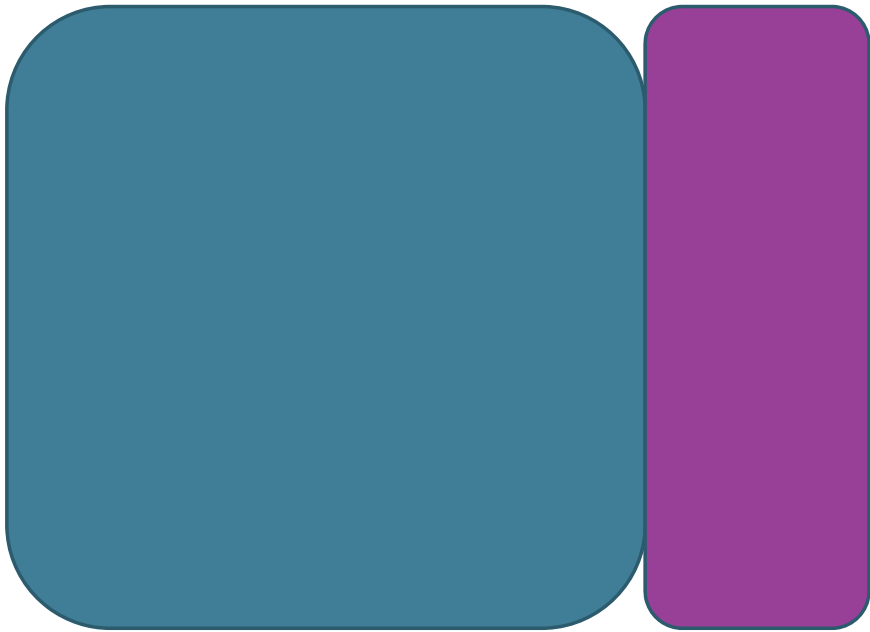
Strategies

From E-Learning to Medienbildung

Guidelines

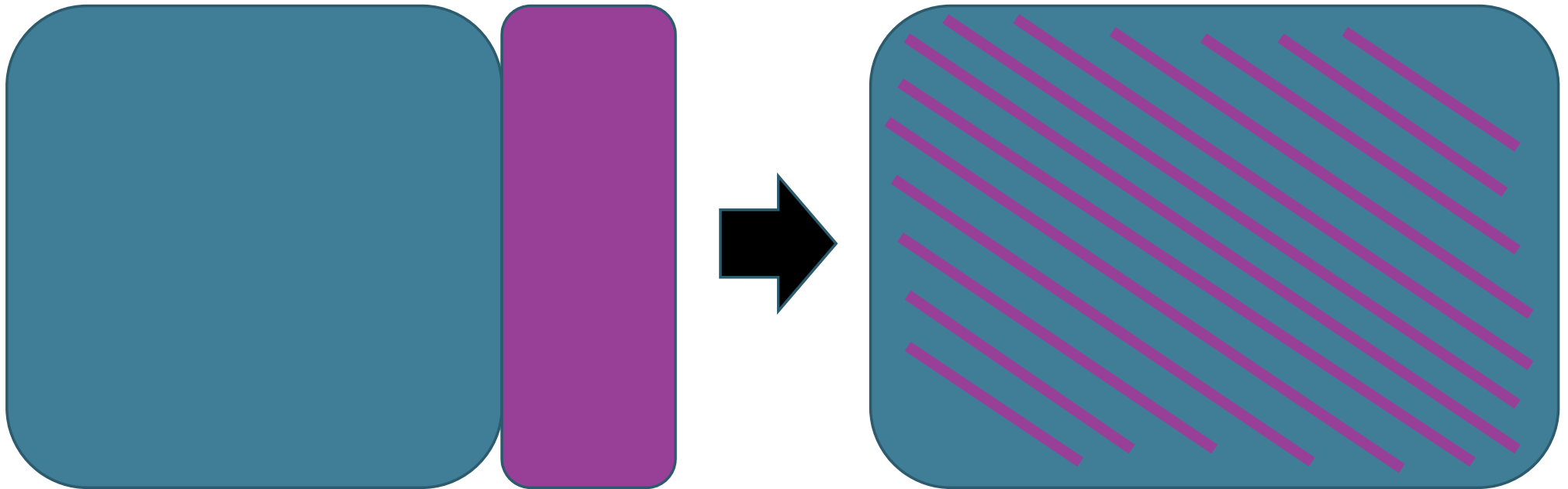
Strategien

From E-Learning to Medienbildung Guidelines



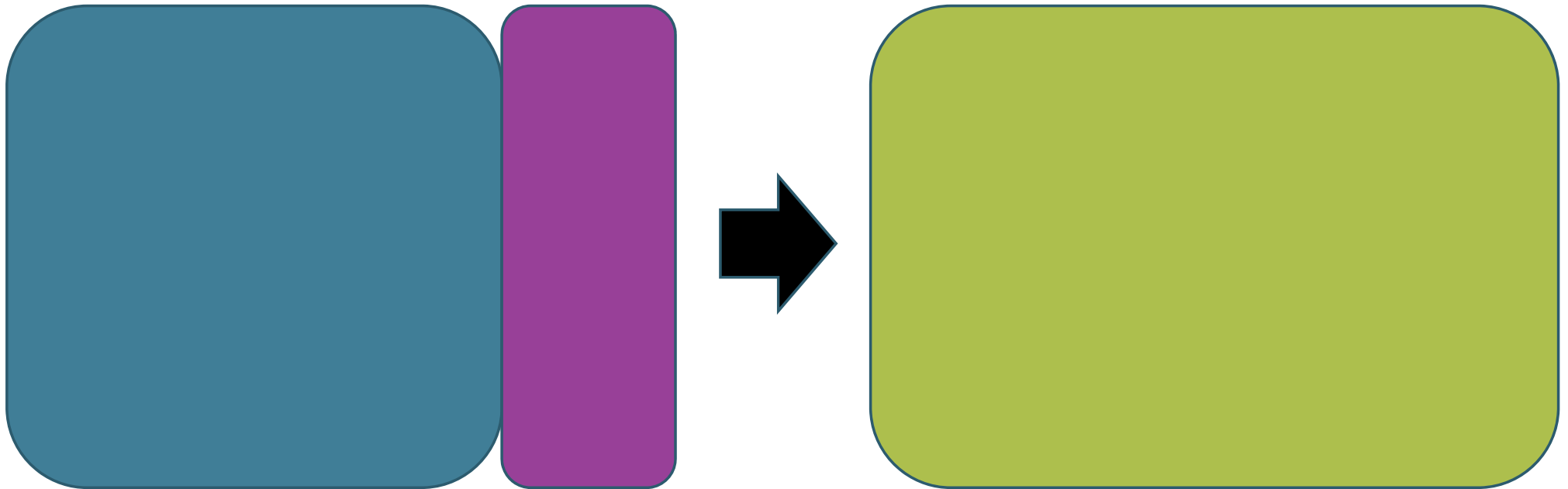
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Strategies

From E-Learning to Medienbildung Guidelines



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From E-Learning to Medienbildung

Guidelines



Übergeordnetes Ziel:

An der TU Braunschweig dient der Einsatz von Medien in Lehre und Studium dem Lernerfolg der Studierenden.

Schwerpunkte:

Die TU Braunschweig setzt sich die Schwerpunkte „Game-based Learning“, „Visualisierung“ und „Mobiles Lernen“ für den Medieneinsatz in Lehre und Studium. Zu diesen streben wir auch Forschung an.

Strukturierte Vielfalt:

Wir streben einen vielfältigen, aber strukturierten Einsatz von Medien in Lehre und Studium an der TU Braunschweig an.



Didaktik und Qualifizierung:

Der Einsatz von Medien in der Lehre basiert stets auf einem didaktischen Konzept, in dem insbesondere die Konsequenzen des Einsatzes der Medien reflektiert werden.

Die Lehrenden werden bedarfsorientiert bei der Erstellung didaktischer Konzepte, bei der Reflexion der Implikationen der eingesetzten Medien, sowie der Handhabung dieser Medien unterstützt.



Services

Qualify Consult Support Inform

Services

Qualify Consult Support Inform

The screenshot displays the website for 'Technische Universität Braunschweig' and 'teach4TU'. The header includes the university logo and 'teach4TU' branding. A navigation bar contains links for 'Home', 'Blog', 'Angebote', 'Tools', 'Projekte', and 'Personen'. A sidebar on the left lists categories like 'Weiterbildung', 'teach4TU', 'Vertiefungsprogramme', 'Lehre+', 'Projektmanagement in der Lehre', 'Lehr-Coaching', and 'Medien in der Lehre'. The main content area features a large image of two students with the text 'Medien in der Lehre' overlaid. To the right, there is a contact card for 'Dr. Andr...' and a large graphic titled 'Medien zum Frühstück' with illustrations of a printer, a coffee cup, and a chart. A footer on the right provides information about 'Medienbildung' and 'Videobeiträge'.

Technische Universität Braunschweig

teach4TU

Technische Universität Braunschweig

medien bildung

Home Blog Angebote Tools Projekte Personen

Impressum Datenschutz Login Schnellzugriff Schnellsuche

Weiterbildung

- teach4TU
- Vertiefungsprogramme
- Lehre+
- Projektmanagement in der Lehre
- Lehr-Coaching
- Medien in der Lehre

Medien in der Lehre

Ansprech

Dr. Andr

E-Mail: [braunsch](mailto:braunsch@braunsch)

Telefon: ++

Medien zum Frühstück

Foto von Bereich Medienbildung

Medienbildung

Hier informiert der Bereich Medienbildung zu Themen rund um Medien in Studium und Lehre an der Technischen Universität Braunschweig.

Über uns

Blogbeiträge

- Ankündigungen
- Ereignisse
- Unilifehacks
- Hintergründe / Materialien

Videobeiträge

zu den Videos

Services

Qualify **Consult** Support Inform



Services


Qualify Consult **Support** Inform

The collage features several elements:

- Top Left:** Website header for Technische Universität Braunschweig with the teach4TU logo.
- Top Right:** A photograph of a classical building facade.
- Middle Left:** A navigation menu with links for 'Weiterbildung', 'teach4TU', 'Innovationsprogramm', and 'Innovationsprojekte'. Below this is a list of funding periods from 2013/14 to 2017/18.
- Middle Center:** An illustration titled 'Projektbegleitung' (Project Accompaniment) showing hands interacting with a laptop and a tablet.
- Middle Right:** A television set displaying 'MEDIA CAMP' on its screen.
- Bottom Right:** A hand typing on a laptop with the text 'Stud.IP Support' and a superhero character icon.

Services

Qualify Consult Support **Inform**



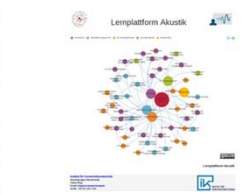
The screenshot shows the website for 'medienbildung' at Technische Universität Braunschweig. The header includes the university logo and the text 'Technische Universität Braunschweig'. Below the header is a navigation menu with links for 'Home', 'Blog', 'Angebote', 'Tools', 'Projekte', and 'Personen'. The main content area features a paragraph: 'In diesem Bereich stellen wir Ihnen nützliche Software, Webanwendungen und andere Werkzeuge vor. Die Beiträge bieten Ihnen einen kurzen Einblick über die Funktionen eines Tools und die Einsatzmöglichkeiten in der Lehre.' Below this text are three images: a grid of software icons, the Audacity logo, and a person using a laptop.



Chemie^{3D}



Vom Reflecting Team zum Hyper-Videovignetten-Tutorial



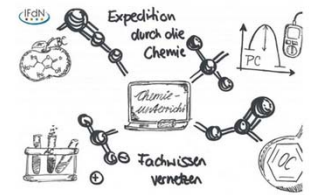
Lernplattform Akustik



Producing and Podcasting Film Audio Commentaries



MAppBS



Expedition durch die Chemie



Thank you!